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REVENUE DEPARTMENT
COUNCIL HALL
Poona 5th August 1944

From

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Deputy Secretary to the Government of Bombay
Revenue Department

To

THE SECRETARY
Reconstruction Committee of Council
New Delhi

SUBJECT —*Post war Reconstruction*

Sir

I am directed to state that a Plan for the post war development of the Province s being
chemes
ments of
icture of a co ordinated Post war Plan for the Province

2 The main objective of the Plan is to raise the economic level of the country ide increase the well being of its inhabitants and generally to improve the Province over a period of 15 years in every aspect of its social economic and cultural life both urban and rural It is proposed that the execution of this comprehensive Plan should be divided as a working basis into three five year periods The list f schemes appended to this letter are those proposed for execution during the First Five Year Plan

3 It is clear however that all the possible schemes necessary to attain the objectives stated above cannot be taken up for execution in all parts of the Province imultaneously because of the limiting factors of finance and staff and the need of guarding against wastage in the actual expenditure of the taxpayers money by nsuring proper and efficient supervision over the actual implementation of the Plan A realistic approach to the subject of Post war Planning therefore calls for a *selection of schemes in order of urgency and importance and on the basis of the* xpected man power likely to be made available for working the Plan

4 Government have further considered whether the work involved in the various chemes should be spread uniformly over the entire Province or concentrated in elected areas and have come to the conclusion that only by concentrating all practicable improvements in compact areas will it be possible to achieve visible and

areas Government therefore have decided that certain schemes must be diffused throughout the Province and others put into operation n areas even if these do not happen to be the ones selected for intensive development

5 The various schemes have therefore been classified into the following f ategories

(i) SPECIAL PRIORITY SCHEMES (STATEMENT I)

It is proposed to put these schemes into effect as quickly as possible so as to meet, to some extent, the existing and more particularly the post war demand for the extra staff required for planning and execution

(ii) ALL-PROVINCE SCHEMES (STATEMENT II)

These schemes will be spread over all districts in the Province and are intended to cater for the more urgent and basic needs and prepare the way for more intensive development later on

(iii) PARTICULAR AREA SCHEMES (STATEMENT III).

These schemes by their nature are only suitable for introduction in certain areas, e g anti malaria measures, irrigation or public health projects

(iv) 'CONCENTRATED' AREA SCHEMES (STATEMENT IV).

Under this category is included a list of schemes which may require to be supplemented later after a careful check has been made of the needs and possibilities of the 'Concentrated Areas' with a view to their all round development, i e, improving all areas within them liable to erosion, grazing areas, irrigation facilities, building all district and village roads, building school houses, securing the necessary number of trained teachers, encouraging local industries, providing water supply in the villages and towns, sanitation of larger towns, technical and agricultural high schools, organization of co operative work, veterinary dispensaries in every taluka, proper health and medical arrangements including stoppage of malaria, etc

The cumulative effect of such a concerted drive on compact areas is expected to yield rapid and satisfying results provide an excellent advertisement for Government's post war Plans and create a popular demand for the extension of the Plan to other areas

6 Nine districts have been taken as target for the 'Concentrated Areas for the first five years They are —

Satara	All talukas
Poona	Indapur taluka and Dhond and Sirur petas
Sholapur	Karmala, Sangola, Malsiras and Pandharpur talukas
Ahmednagar	Newasa, Kopergaon Rahuri Ahmednagar, Parner and Shrigonda talukas and Karjat peta
Kolaba	Mahad, Mangaon and Roha talukas
Ratnagiri	Whole district except Vengurla peta
Belgaum	All talukas
Bijapur	All talukas
Surat	All talukas

7 In making this selection the Government was influenced by three factors firstly, the 'Concentrated Areas' must be distributed over various parts of the Province At any rate, it is necessary to experiment everywhere

secondly it is essential to pay special attention to the needs of certain areas in the Province—areas particularly liable to famine, areas where the soil is particularly unproductive and areas generally in need of development, and

thirdly the "Concentrated Areas" should as far as possible correspond with the best recruiting areas It must be remembered that the soldier is a memer of the family that anything done for his benefit helps his family and in turn his own village

8 The Plan covers every aspect of non industrial rural development, but does not deal with large scale industry Industrial reconstruction is dependent on Planning by the Government of India and for it India must be regarded as a whole and industries located where they can be worked most economically Government has however made a forecast of the number of workers likely to be displaced as a result of the changeover of the factories to a peace time basis and also of the number of demobilised soldiers likely to return to the main cities and does not anticipate that Trade and Industry in the initial years after the war will have much difficulty in absorbing such persons Government moreover is prepared to follow a policy of maintaining a high level of employment in urban centres as far as possible by an expansion of public works

9 At the present stage it has not been possible to indicate the relative priority of schemes *interse* as this would depend on the funds available As a rough guide in deciding allocation of funds the following priority has been adopted —

(*i*) Communications

(*ii*) Agriculture

(*iii*) Public Health

(*iv*) Education

10 The total cost of the First Five Year Plan is expected to be in the neighbourhood of Rs 50 crores and the ways and means of financing a Plan of this magnitude are being examined Government has already instituted a Post war Reconstruction Fund which at the close of the year 1944-45 is expected to amount to Rs 7 crores That will of course need to be considerably supplemented Recourse may have to be had to either taxation or borrowing or to both Fina [illegible] n the Central Government [illegible] Rs 50 crores estimated to be [illegible] regarded as no more than a target the Government of Bombay has every reason to hope that it will be possible to finance a Plan of the scale contemplated

11 A Plan without the men to execute it is useless and the most important factor in the success of Post war Reconstruction will be the existence of adequate and efficient agencies to execute the schemes It is for this reason that Government has placed in the forefront of its Plan 13 Special Priority Schemes 12 of which deal with the training of staff Of these schemes five have already been sanctioned and others relating to the Medical Public Health and Educational Departments are being examined and are expected to be put into operation shortly In addition the only Special Priority Scheme not solely concerned with staff viz livestock improvement has also been sanctioned as the cattle required for post war years must be bred and reared now

12 Apart from the measures referred to in the preceding par

Government have taken the following steps for the Planning of various Post war projects —

A P [illegible]
with
The
the
of I [illegible] by 31st August 1944

A special officer under the Public Works Department has been appointed to examine in detail the project of the Grid Scheme of Electricity of this Province and to initiate the preliminary steps to be taken pending the preparation and promulgation of necessary legislation in connection therewith The details of the scheme itself and the draft Bill are under discussion In the meantime a list of heavy plant and equipment likely to be required for the scheme has been furnished to the Electrical Commissioner to the Government of India

The creation of a Buildings Projects Division with head quarters at Poona has been recently sanctioned and will start work on the Planning of building schemes necessary in connection with the Post war Reconstruction Plan

An Executive Engineer, Irrigation Project Division, has been appointed for investigation by stages of the irrigation projects proposed for execution in the Post war period

13 As regards the resettlement of soldiers the Plan especially in so far as it focuses the initial portion of reconstruction activities in the recruiting areas, will go a long way in assisting [illegible]
rapid absorption into civil [illegible]
segregate the soldier and mal[illegible]
ment would be unwise and prefer [illegible] that the lines of resettlement should be along the lines of general reconstruction This does not however mean that specific schemes of direct benefit to ex soldiers will not be taken up Two such schemes viz, Nos 4 and 78 are included in the Plan and certain others e g, acquisition of land for ex soldiers financing land improvement works etc are under consideration of Government In addition a statement of the consolidated staff requirements of the various Departments for the execution of post war Reconstruction schemes is being prepared so that the soldiers may know the various avenues of employment open to them

14 It should be clearly understood that this Plan is by no means in the nature of an unalterable blue print It serves to define Government's aims, but no finality is claimed either for outline or details Further consideration or altered circumstances may —and doubtless will—necessitate considerable modification in the details of individual schemes while in respect of the Plan as a whole there are as already stated several limiting factors e g staff material and not least finance

15 A small Pamphlet describing the main features of the Plan has bee[n] published separately by Government

Your obedient servant,

A L DIAS
Deputy Secretary to the Government of Bombay,
Revenue Department

LIST OF POST-WAR RECONSTRUCTION SCHEMES.

STATEMENT I

Special Priority Schemes.

Scheme No	Scheme	Rough cost of 5 Year Plan in thousands of rupees			Remarks
		Capital.	Recurring	Total	
1	2	3		5	6
	Agricultural Department				
1	Expansion of agricultural education particularly Agricultural College Poona	13 20	9 91	23 11	
2	[illegible] ing the establishment or expansion of centres for training staff for the bunding and dry farming programme	1,61	10 28	11,89	
3	Scheme for the preliminary training and work necessary for the execution of the scheme for extensive work in livestock improvement	3 80	9 10	12,90	
4	Scheme for the vocational training of soldiers	Details to be settled			
5	Training of horticultural staff	1,58	38	1,96	
6	Expansion of headquarters staff of the Agricultural Engineer to Government	60	1,03	1,63	
	Co operative Department				
7	Centre for training staff required for expansion of co operative movement marketing, etc	2	1,27	1 29	
	Veterinary Department				
8	Expansion of the Bombay Veterinary College	1,50	4,00	5,50	
	Medical and Public Health				
9	Training of Subsidised Medical Practitioners in sanitary and public health work and expansion of existing facilities for the training of more Health Officers Sanitary Inspectors etc	3 05	13	3 18	
10	[illegible]		2,70	2,70	
11	[illegible]	6	1,23	1 29	
	Education				
12	Expansion of Engineering College, Poona, to meet Public Works Department's Post war demand for staff	9,18	5,02	14,20	
13	Training of Primary Teachers for employment in concentrated areas	30	6,70	7 00	

Scheme No	Scheme	Rough cost of 5 Year Plan in thousands of rupees			Remarks.
		Capital	Recurring	Total	
1	2	3	4	5	6
	Industries				
14	Sc[illegible] Scheme	Details to be settled			
	Total	34,90	51,75	86 65	

STATEMENT II

Schemes to be introduced throughout the Province

Scheme No	Scheme	Rough cost of 5 Year Plan in thousands of rupees			Remarks.
		Capital	Recurring	Total	
1	2	3	4	5	6
	Agricultural Department				
15	Expansion of scientific research work in agriculture to deal with the more pressing problems of post war agriculture	6,37	22,27	28,64	
16	[illegible]		20,87	20,87	
17	[illegible]		1,88	1,88	
	(Schemes for propagation of improved seed and better farming methods.)				
18	Multiplication and distribution of improved strains of different varieties of paddy in the drilled paddy tract (Dharwar and Belgaum districts) of the Bombay Province	3,78	1,36	5,14	

Scheme No	Scheme	Rough cost of 5-Year Plan in thousands of rupees. Capital	Recurring	Total.	Remarks
1	2	3	4	5	6
19	Multiplication and distribution of improved varieties of paddy seeds in the North Konkan tract of the Bombay Province	2,28	1,93	4,21	
20	Multiplication and distribution of Nadiad Bajri No 207	35	93	1,28	
21	Multiplication and distribution of seeds of improved varieties of bajri, rabi, jowar, wheat and gram in the extensive dry tract of the Bombay Deccan and Karnatak	13,46	5,13	18,59	
22	Production of the nucleus seeds of the improved strains of important food grain crops	1 83	1,70	3,03	
23	Expansion of district staff under the [illegible]	..	1,10	1,10	
24		1,55	6,30	7,85	
25		6	35	41	
	neering				
	Co-operative Department.				
26	Extension of the Agricultural Debtors' Relief Act, 1939	17	16,42	16,59	
27	Co operative organisations for financing areas where Debt Relief Act has been introduced.	Details not yet settled.			
	Veterinary Department.				
28	Assumption of full control of veterinary dispensaries by Government.	.	7,95	7,95	
29	Expansion of supervising staff	7	2,86	2,93	
30	Expansion of investigating staff and establishment of Animal Husbandry Research Station	1,50	2,32	3,82	
31	Manufacture of sera and vaccines in the Province	2,50	2,64	5,14	
	Medical and Public Health				
32	Establishment of a Medical College at Poona	4,00	4,04	8,04	
33	Establishment of a Medical College at Ahmedabad	11,36	4,96	16,32	
34	Appointment of Medical Practitioners of higher qualifications at district headquarters hospitals	....	2,70	2,70	
35	Increase in the number of beds in the mofussil hospitals	8,52	7,36	15,88	
36	Creation of the cadre of technicians for X'ray and laboratory work	73	1,27	2,00	
37	Ambulance service to central hospitals	1,28	1,33	2,61	
38	Conversion of dispensaries into cottage hospitals	17,85	4,27	22,12	

Scheme No	Scheme	Rough cost of 5 Year Plan in thousands of rupees			Remarks
		Capital	Recurring	Total	
1	2	3	4	5	6
	Labour				
72	Extension of Payment of Wages Act and enforcement of Trade Board Minimum Wages and of compulsory standing orders in factories		2 2[illegible]	2,2[illegible]	
73	Extension of the Bombay Industrial Disputes Act and recognition of Trade Unions		1 50	1 50	
74	Labour Welfare Schemes (I to VII)	13 19	7 60	20 [illegible]	
	Public Works Department				
75	Buildings (all Departments)	2 90 00	5 35	[illegible] 95,35	
76	Irrigation Schemes	5 50 00	[illegible]5 00	[illegible] 75 00	
77	Public Health Projects	1 46 00	9 15	1 55 15	
	Total	12 [illegible] 11	1,34 01	14 [illegible] 2 12	

STATEMENT IV

Schemes to be introduced in concentrated areas

Scheme No	Scheme	Rough cost of 5 Year Plan in thousands of rupees			Remarks
		Capital	Recurring	Total	
1	2	3	4	5	6
	Agricultural Department				
78	Establishment of Rural Development Headquarters in selected districts	Details not yet settled			
79	[illegible]	1 30	6 96	8 26	
80	[illegible]	4 [illegible]	9 61	14 36	
81	Land Development and Improvement (Scarcity Areas)	4 [illegible]9 35	1 03 85	5 83 20	
82	Land Development and Improvement (heavy rainfall areas)	24,30	9 01	33 31	
	Co operative				
83	[illegible]				
84	[illegible]	1,13 4	[illegible] 4 [illegible]		

Scheme No	Scheme	Rough cost of 5 Year Plan in thousands of rupees			Remarks.
		Capital	Recurring	Total.	
1	2	3	4	5	6
	Veterinary				
85	Maintenance of veterinary dispensaries in each taluka and peta	1,82	9,45	11,27	
86	Conversion of certain number of stationary veterinary dispensaries into itinerating veterinary dispensaries	1,20	2,33	3,53	
87	Extension of dipping operations	25	45	70	
	Forests				
88	Improvement of denuded areas ..	22,46	4,78	27,24	
	Medical and Public Health				
89	Conversion of dispensaries into cottage hospitals	16,80	3,95	20,75	
90	Subsidised medical practitioners		2,49	2,49	
91	Appointment of Nurse Midwives		44	44	
92	Improved sanitation and drainage in bigger villages and towns	Details not yet settled.			
93	Improvement in village water supply	50,00	..	50,00	
94	Child Welfare and Maternity Centres	50	12,60	13,10	
95	Establishment of two more Health Units in the Province on the basis of the Health Unit at Sirur	5	1,63	1,68	
	Education				
96	Training of primary teachers for employment in concentrated areas	80	16,84	17,64	
97	[illegible]	10	2,22	2,32	
98	[illegible]	20	5,60	5,80	
99	[illegible]	..	9,95	9,95	
100	[illegible] farms	5,00	..	5,00	
101	Opening of 4 more Agricultural High Schools	1,40	3,86	5,26	
102	Technical High Schools	2,00	3,60	5,60	
103	Introduction of free and compulsory elementary education in concentrated areas	3,00	68,04	71,04	
104	Construction of buildings for full grade primary schools in the concentrated areas	1,60,00	....	1,60,00	
105	*Strengthening of Inspecting staff*	11	7,89	8,00	
106	Medical Inspection and treatment of school children	1,00	17,50	18,50	
107	Supply of Mid day meals to primary school children in one taluka in Ratnagiri district	..	12,00	12,00	
	Industries				
108	Cottage Industries .	97	8,07	9,04	
109	Publicity and Propaganda Scheme	5	54	59	
110	Headquarters staff for planning and execution of all schemes	6	2,91	2,97	

Scheme No	Scheme	Rough cost of 5 Year Plan in thousands of rupees			Remarks
		Capital	Recurring	Total	
1	2	3	4	5	6
	Village Amenities				
111	Club Houses and Gymnasia for soldiers	60		60	
112	Libraries and reading rooms				
113	Village Chavdis	9,00		9 00	
114	Buildings for hostels for children of Indian soldiers	Cost not yet estimated			
	Public Works Department				
115	(i) District Roads (ii) Village Roads	District and village roads will also be constructed *in areas* other than concentrated areas The allocation of funds for this purpose between the other areas and concentrated areas should be in the proportion of 50 50 in the case of district roads and 25 25 in the case of village roads (Scheme No 45 (c))			
	Total	7,88 34	3 33 54	11,21 88	
	Grand Total	41,66 77	25 35	48 82 12	
	Deduct estimated capital expenditure on buildings (Scheme No 75) as this amount has also been included in different schemes			—- 90 00	
				45 92,12	

SPECIAL PRIORITY SCHEMES

SCHEME No. 1

1 *Department* —Agricultural

2 *Scheme*—Expansion of agricultural education particularly Agricultural College, Poona

3 *Brief description of the scheme*—(a) The scheme provides for increased facilities, i e buildings staff equipment contingent expenditure, etc, to enable 150 students to be admitted to the Agricultural College Poona annually, instead of approximately 100 as at present After a period of three years, this increase will provide from 70–80 agricultural graduates (B Sc Agric) annually instead of approximately 40 per annum under present arrangements

(b) The scheme provides also for the establishment of a Diploma Course in Agriculture for the training of non graduates in agriculture and allied sciences on an essentially practical basis The course will last for 12 months and 75 students will [illegible] training course for 75 kamgars [illegible] ing Centre, Poona, which will [illegible] this purpose

4 *Areas selected for application* —The work will be carried out at the Agricultural College Poona, and other departmental institutions but the increased staff made available as the result of the training will be utilised over the whole Province

5 *Other Departments concerned* —Public Works Department

6 *Upper staff for planning and/or execution of the scheme*—

A Expansion of Agricultural College

(a) 10 Graduates (Senior)
(b) 17 Graduates (Junior)

B Diploma Course for Agricultural Assistants and Kamgars

(a) 1 B A S Class II officer
(b) 1 Graduate (Senior)
(c) 5 Graduates (Junior)

7 *Lower staff for planning and/or execution*—

(1) (a) 13 Laboratory Assistants (non graduates)
(b) 13 Field Assistants (non graduates)

Clerical and Office staff

(a) 3 Senior clerks
(b) 4 Junior clerks
(c) 13 Peons

(2) (a) 11 Field Assistants (non graduates)
(b) 4 Field and Laboratory boys

Clerical and Office staff

(a) 3 Junior clerks
(b) 4 Peons

8 *How staff to be obtained*—The staff required for the items of work proposed in this scheme will have to be found from the existing cadres of the Agricultural Department as experienced men will be required for training purposes. Direct recruitment will be possible only in regard to the lower staff and clerical and [illegible] staff

9 *Rough estimates of cost at existing rates for each year of the first five year Plan*—

Item	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(1) Expansion of Agricultural College Poona—						
Capital	0 00 000	4 00 000	20 000			10 20 000
Recurring	1 03 000	1 16 000	1 36 000	1 41 000	1 44 000	6 42 000
						16 62 000
(2) Diploma Course for Agricultural Assistants and Kamgars—						
Capital	3 00 000					3 00 000
Recurring	67 000	68 000	70 000	71 000	73 000	3 49 000
						6 49 000
Total { Capital	9 00 000	4 00 000	20 000			13 20 000
Total { Recurring	1 72 000	1 84 000	2 06 000	2 12 000	2 17 000	9 91 000
						23 11 000

10 *To what extent is the scheme productive and/or cost recoverable*—Th[illegible] [illegible] fees as Government may decide to charge the trainees The amounts however will not be appreciable

11 *Nature of material machinery etc , needed from*—

(*a*) *abroad*—Special apparatus needed for instructional purposes at the Agricultural College e g microscopes incubators frigidaires etc , books etc

(*b*) *locally*—Other material etc , needed can be obtained locally

12 *Any other remarks or information*—Orders have been issued for the employment of additional teaching staff at the College but proposals for the construction of additional buildings are being considered by the P W D in consultation with the Dir In the meantime two bungalows have been requisitioned for the accommodation of additional students attached to the College this year

SCHEME No. 2.

1 *Department* —Agricultural

2 *Scheme* —Establishment of suitably equipped and staffed centres for instruction and training of staff required for Post war agricultural development including the establishment or expansion of centres for training the staff for the bunding and dry farming programme

3 *Brief description of the scheme* —Annually 200 students will be trained in land development and 100 in dry farming methods

A training centre at Manjri has already been started to train annually 75 agricultural assistants and 75 kamgars in the technique of rural development and the trainees will be absorbed after completion of their training in the Agricultural Department as agricultural assistants and kamgars

Two other Agricultural Training Centres at Dhulia and Devihosur for training 26 agricultural assistants and 26 kamgars have also been started and the trainees will be absorbed in the Agricultural Department

4 *Areas selected for application* —The trained staff will be utilised throughout the Province

5 *Other departments concerned* —Public Works Department

6 *Upper Staff for planning and or execution of the scheme* —The following staff required for the Land Development Training Centre at Bijapur has already been included in the Land Development Section of the Agricultural Department —

Upper Staff

One Superintendent
Three Senior Surveyors
Three Assistant Senior Surveyors
Four Bunding Sub Overseers
One clerk

Lower Staff

Eight Khalasis
Five peons

7 *Lower staff for planning and/or execution of the scheme* —The staff required for the Sholapur Dry Farming Centre is as follows —

Upper Staff

One Senior Agricultural Officer
One Agricultural Officer
Two Agricultural Officer Instructors
Four Agricultural Assistants
One clerk

Lower Staff

Two peons
Two mukadams

8 *How staff to be obtained*—From the existing departmental cadres

9 *Rough estimate of cost at existing rates for each year of the First Five Year Plan*—

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital*	1 60 550					1 60 550
(b) Recurring (for Bijapur and Sholapur Centres)—						
(a) Pay of establishment	29 784	31 005	32 83[illegible]	34 0[illegible]6	[illegible]3 [illegible]50	1 63 560
(b) Allowances of the staff	3[illegible] [illegible]21	30 224	[illegible]	[illegible]	30 [illegible]4	1 [illegible]8 1[illegible]0
(c) Contingencies	17 760	17 760	17 760	17 760	17 760	88 800
Recurring expenditure for—						
Manjri	61 860	61 860	61 860	61 860	61 860	3 09 3[illegible]
Dhulia	26 366	26 366	26 366	26 366	26 366	1 31 8[illegible]
Devihosur	27 764	27 764	27 764	2[illegible] 764	27 764	1 38 8[illegible]
Total	3 63 305	2 03 0[illegible]2	2 05 806	2 07 030	2 05 [illegible]04	11 88 0[illegible]

*For Sholapur Centre only

10 *To what extent is the scheme productive and or cost recoverable*—Non productive

11 *Nature of material machinery etc, needed f*

(a) *abroad*—Surveying instruments etc

(b) *locally*—Tools for digging and dry farming implement

12 *Any other remarks or information*—

SCHEME No 3

1 *Department* —Agricultural

2 *Scheme* —Scheme for the preliminary training and work necessary for the execution of the scheme for extensive work in livestock improvement

3 *Brief description of the scheme* —(1) To organise 60 "Supplementary Breeding Centres' for the production of breeding stock and for the improvement of the Khillar, Amrit Mahal and Kankrej breeds of cattle Over a period of 5 years, 60 such centres will be established, each centre consisting of 5 villages In each centre 50 selected cows and 5 breeding bulls will be placed with approved cultivators on specific conditions framed to ensure the use of the progeny for further distribution 12 centres will be organised annually and the work will be under close departmental supervision At present this type of work is confined to the issue of "Premium Bulls" and "Premium Cows" in specified breeding areas

(2) To intensify the ' Premium Bull' and ' Premium Cow" schemes in the Province At present, about 200 bulls and 300 cows are being given out annually under the (Premium) schemes It is proposed to increase the annual issue of "Premium Bulls" and "Premium Cows ' to 100 and 1,200 per annum respectively by the end of a 5 year period

(3) To intensify the district work of the Livestock Section of the Agricultural Department especially in connection with demonstration and propaganda towards the production and storage of fodder by scientific methods and on a much increased scale, by distribution of seed of improved fodder crops construction of silo pits etc and the expansion of arrangements for periodic district cattle shows and cattle rallies

(4) To augment the supervisory and district staff of the Livestock Section of
hat the items of the Livestock Extension
ciently and satisfactorily and to provide
in the post war activities of the Section
in connection with livestock improvement It is proposed to appoint 4 Divisional Superintendents of Cattle Breeding in Class II of the Bombay Agricultural Service and to increase the present number of Agricultural Officers in charge of Cattle Breeding i e 14 to 19 so as to provide one such officer per district

4 *Areas selected for application* —Whole Province particularly those suitable for different types of cattle

5 *Other Departments concerned* —Revenue Public Works and Co operative Departments

6 *Upper staff for planning and/or execution of the scheme—*

Upper staff—

(a) *Gazetted staff—*

(1) Class II, B A S—

4 Divisional Inspectors of Cattle Breeding

(b)

There is no
tion of plans and estimates and (b) execution of the scheme The staff men tioned above will deal with both these functions

7 *Lower staff for planning and/or execution of the scheme—*

Lower staff—

(a) Non graduate but trained—

(1) 5 Agricultural Assistants

(2) 71 Cattle Kamgars

Clerical and office staff—

(1) 10 Senior clerks

(2) 28 Junior clerks

(3) 18 Peons

The staff requirement mentioned above are based upon a programme of livestock extension work over a period of 5 years. The staff noted above is *in addition* to the existing staff of the Livestock Section of the Agricultural Department.

8 *How staff to be obtained.*—Senior gazetted staff will be obtained by promotion within the cadre of the Livestock Section.

Non-gazetted senior staff will be directly recruited from the Agricultural College, etc.

Lower (technical staff) will be provided partly by promotion of suitable existing staff to posts of Agricultural Assistants and by direct recruitment and training on Government Cattle Farms of suitable persons for cattle kamgars.

Clerical and office staff will be obtained by promotion of existing staff to senior posts and by direct recruitment to junior clerks' posts and of peons.

9 *Rough estimates of cost at existing rates for each year of the First Five Year Plan—*

—	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
Item (1)—Capital *	76 000	76 000	76 000	[illegible] 000	76 000	3 80 000
Recurring †	13 000	26 000	3[illegible] 000	5[illegible] 000	[illegible]	1 95 000
Item (2)—Recurring	58 000	70 000	82 000	94 000	1 0[illegible] 000	4 10 000
Item (3)—Recurring	16 000	18 000	[illegible]	[illegible]	[illegible]4 000	1 00 000
Item (4)—Recurring	27 000	43 000	44 000	45 000	40 000	[illegible] 000
				Capital		3 80 000
				Recurring		[illegible] 10 000
				Total		1[illegible] 000

* Provides for 50 per cent of cost of animals supplies to Supplementary Breeding Centres, the 50 per cent to be recovered from the persons to whom [illegible] ls are allotted under ' Prem[illegible]

[illegible]erable.—The scheme d extensively the to operate and, in [illegible] by the provision of good breeding stock. The scheme will produce many young breeding animals for distribution in other areas.

11 *Nature of material, machinery etc needed from—*

(a) *Abroad*.—Dairy equipment, e g, cream separators, butter churns, etc. Sheep shearing equipment.

(b) *Locally*.—Agricultural implements, veterinary instruments, incubators, pyrex equipment, e g pails, chains, ropes, etc, grass drying plant, etc. Wire netting (for poultry farms). Building materials, etc.

12 *Any other remarks or information*.—The scheme has been approved generally and the Director asked to start the scheme and to furnish details of the recurring and non-recurring cost involved.

SCHEME No. 4.

Scheme for the Vocational Training for Soldiers

A scheme for the training of military instructors at the three Training Centres at Belgaum, Deolali and Kirkee is under the consideration of Government Under this scheme 20 selected soldiers will undergo preliminary general course in Agriculture, Co operation and Public Health for 4 to 6 weeks at the Training Centre and thereafter each trainee will, according to his aptitude, be sent for a specialised short-term course of about 3 months to one or other of the existing civil institutions which impart intensive training in either bunding or dry farming or poultry keeping, etc Those who are properly qualified and show special aptitude may be detained for a long term course It is also proposed in connection with this scheme to set up Small Rural Exhibitions and establish Demonstration Agricultural Plots at these Training Unit Centres

The details of this scheme are being worked out

SCHEME No. 5.

1. *Department* —Agricultural

2. *Scheme* —Training of Horticultural staff

3. *Brief description of* —One training class exists at the G F L St Kirkee Three more are to be started each for training 50 students

4. *Areas selected for application* —Whole of the Province

5. *Other Departments to be consulted* —1 Revenue Department 2 Co-operative Department

6. *Upper staff for planning and/or execution of the Scheme* —Three graduates—one for each centre

7. *Lower staff for planning and/or execution of the scheme* —3 Agricultural Assistants- one for each centre 3 Malis—one for each centre

8. *How staff to be obtained* —

Upper staff Agricultural graduates to be employed by direct recruitment or promotion

Lower staff —To be obtained from men trained in existing training centres

9. *Rough estimates of cost at existing rates for each year of the first five year plan* —

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital (Buildings and equipment)	1 58 000					1,58 000
(b) Recurring	6 960	7 170	7 572	7 788	8 184	37 674
Total	1 64 960	7,170	7,572	7,788	8 184	1,95 674

10. *To what extent is the scheme productive and/or cost recoverable* —

11. *Nature of materials machinery, etc needed from*—

(a) *abroad* —Nil

(b) *locally* —Grafting and budding knives, Secateurs, pruning knives, etc

12. *Any other remarks or information* —The details of the scheme have not yet been approved by Government

SCHEME No. 6.

1 *Department* — Agricultural

2 *Scheme* —Expansion of the Headquarters staff of the Agricultural Engineer to Government

3 *Brief description of the scheme* —An increase in the staff, contingencies, etc , of the office of the Agricultural Engineer to Government is of prior importance in order to enable that office to undertake rapidly and efficiently the preliminary work connected with other schemes of post war rural development under the Agricultural Department, e g , preparation of plans and estimates for constructional works, etc , and to supervise their execution

4 *Areas selected* [illegible] Engineer to Government, i e , t [illegible] sults, etc of the work proposed [illegible] 'rovince

5 *Other Departments concerned* —Nil

6 *Upper staff for planning and/or execution of the scheme* —

——	1st year	2nd year	3rd year	4th year	5th year	Total
(a) Class II, B A S	2					2
(b) Technical Staff—						
(a) Overseers (130—10—250)	2					2
7 *Lower Staff* —						
A Technical Staff—						
(a) Draftsman (90—4—130)	2					2
(b) Tracers (35—5/2—80)	2					2
B Clerical and Office Staff—						
(a) Senior clerk (Rs 80—5/2—95)	1					1
(b) Junior clerk (25—5/2—55)	2					2
(c) Peons (Rs 17)	4					4

8 *How staff to be obtained* —Some by promotion within the existing cadres under the Agricultural Engineer and the rest by direct recruitment

9 *Rough estimates of cost at existing rates for each year of the first five year* —

——	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(A) Capital	40 000	20 000				60 000
(B) Recurring	19 000	20 000	21 000	21 000	22 000	1 03 000
Total	59 000	40 000	21 000	21 000	22 000	1 63 000

10 *To what extent the Scheme is productive and/or cost recoverable* —The scheme is not directly productive and the cost is not recoverable

11 *Nature of materials, machinery etc , needed from*—

(a) *Abroad* —Nil

(b) *Locally* —Office furniture

12 *Any other remarks or information* —This work is of prior importance and its provision is necessary precedent to other schemes for preparation of plans and estimates of constructional works, etc , included in the post war development programme of the Agricultural Department

(2) The details of the scheme have not yet been finally approved by Government

SCHEME No. 7.

1 *Department* —Co operative

2 *Scheme* —Training of staff

3 *Brief description of the scheme* —It is proposed to establish a full fledged train in centre at Poona with a view to provide training to the staff which is required to be appointed for planning and execution of the various schemes under post-war reconstruction which have been separately proposed The staff to be trained at this centre would consist, among others of —

(1) Assistant District Co operative Officers to be appointed under the scheme for co operative organisations for financing areas where the Debt Relief Act has been brought into operation

(2) Managers for sale organisations

(3) Additional marketing staff for development of co-operative marketing

(4) District Co operative Officers and Sub Auditors to be recruited hereafter

(5) Supervisors of Supervising Unions (with the increase in the number of societies there will be a corresponding increase in the number of supervising unions with a consequent increase in the number of supervisors)

(6) Secretaries of Regulated Markets

It is difficult at this stage to state whether one central school at Poona would be in a position to train all the staff and it may be necessary at a later stage to establish two more sub-centres one at Dharwar and the other at Surat especially for the training of those members of the staff, who only know regional languages The staff proposed to be trained at Poona would be manned by the staff indicated in column 7

4 *Areas selected for application* —

5 *Other Departments concerned* —Department of Industries, Agriculture and Revenue, according to the needs of the staff requiring training

6 *Upper staff for planning and/or execution of scheme* —One Assistant Registrar in the grade of Rs 235—500 plus special pay of Rs 75 per mensem

7 *Lower staff for planning and/or execution of schemes*—

(1) One Senior Inspector in the grade of Rs 180—10—270
(2) Two Junior Inspectors in the grade of Rs 135—5—180
(3) One clerk in the grade of Rs 25—5/2—55
(4) Three peons on Rs 18 per mensem

8 *How staff to be obtained* —By appointment of suitable persons in the Department

9 *Rough estimates of cost at existing rates for each year of the first five year plan* —

——	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	2 000					2,000
(b) Recurring	26 248	27 668	28 148	21,568	22 048	1 26 680
Total	28,248	27 668	28 148	21 568	22 048	1,28,680

10 *To what extent is the scheme productive and/or cost recoverable* —

11 *Nature of materials, machinery, etc needed from—*

(a) *abroad, and—*

(b) *locally—*

12 *Any other remarks or information* —In this scheme provision is made for a money grant of Rs 20,000 to be given to supervising unions to meet the cost of substitute supervisors for the period their supervisors undergo training at the centre

(2) The estimated cost on account of the scheme works out at Rs 1,28 680, but as it may be necessary to establish two more sub centres and provide also for refresher courses etc , an allotment of Rs 2 lacs may be made It would also be necessary to train some other staff, e g staff for the scheme under consolidation of holdings , the cost on this account is provided for under that scheme

SCHEME No. 8

1 *Department* —Civil Veterinary

2 *Scheme* —Expansion of the Bombay Veterinary College

3 *Brief description of the scheme* —It is proposed to expand the College by t admission of 50 additional students every year in order to meet mode requirements in Veterinary Training

4 *Areas selected for application* —Bombay

5 *Other Departments concerned* Public Works Department

6 *Upper staff for planning and or execution of the scheme*—

4 Class I Officers
1 Class II Officer

7 *Lower staff for planning and/or execution of the scheme*—

1 Librarian
5 Laboratory Assistants
5 Laboratory Attendants

8 *How staff to be obtained* —By direct recruitment as available

9 *Rough estimate of cost at existing rate for each year of the first five ye plan* —

—	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	1 50 000					1 50 00
(b) Recurring	50 480	71 120	91 700	93 050	94 520	4 00 90
Total	2 00 480	71 120	91,700	93 050	94 520	5 50 90

10 *To what extent is the scheme productive and/or cost recoverable* — Non productive

11 *Nature of materials machinery etc needed from*—

(a) *abroad* —Laboratory equipment X Ray apparatus, etc, Instrument etc

(b) *locally* —

12 *Any other remarks or information* —This is a Special Priority Scheme ar Government has sanctioned the following concessions to new students for 3 yea from 1944-45 —

(1) Exemption from payment of college and examination fees

(2) Offer of 60 scholarships of which 30 should be at Rs 40 per mensen 15 at Rs 30 per mensem and 15 at Rs 20 per mensem

(3) Supply of text books and any equipment required by the students a half cost

The scale of pay for Veterinary Assistant Surgeons has also been revise in this Province with effect from 1st April 1944 The revised scale Rs 60—5—110—E B —5—160 with a selection grade of Rs 170—10—200 fc 10 per cent of the total number of posts

2 *The details of the scheme have not yet been finally approved by Government*

SCHEME No. 9.

1. *Department* —Public Health

2 *Scheme* —Training of subsidised Medical Practitioners in Sanitary and Public Health work

3 *Brief description of the scheme* —The object of this scheme are (1) to give a short course of instructions to the subsidised Medical Practitioners in Sanitary and public health work and to induce them to qualify as Sanitary Inspectors and (2) augment the resources at the disposal of Government in fighting and preventing epidemics

4 *Areas selected for application* —All areas of the Province

5 *Other Departments concerned* —Director of Public Health, Public Works Department

6 *Upper staff for planning and/or execution of the scheme* —Nil

Three subordinates medical officers to be deputed from the Public Health Department every year

7 *Lower staff for planning and/or execution of the scheme* —Nil Three Sanitary orderlies

8 *How staff to be obtained* —Three subordinate medical officers will be deputed from the Public Health Department every year Substitutes to act in their places will be obtained locally or by advertisement Sanitary orderlies will obtained locally

9 *Rough estimate of cost at existing rates for each year of the First Five Year Plan* —

——	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(*a*) Capital	3 05 000					3 05 000
(*b*) Recurring	2 600	2 600	2 600	2 600	2 600	13 000
Total	3 07 600	2 600	2 600	2 600	2 600	3 18 000

10 *To what extent is the scheme productive and/or cost recoverable* —The scheme is in the interest of the health of the rural population

11 *Nature of material machinery etc needed from*—

(*a*) *abroad* —Nil

(*b*) *locally* —Inoculation outfit, materials required for purifying water models, charts, sprays bore hole latrine equipment slides bottles for samples, sundries and stationery

12 *Any other remarks or information* —The Subsidised Medical Practitioners with their scanty knowledge of public health even though trained in the proposed rural sanitary class for 5 months cannot do the work expected of the sanitary officers or health officers However they will be useful to supplement the work of inoculation, vaccination and disinfection to be done, when epidemics break out by the permanent members of the District Public Health staff in each district which will be responsible for preventive health work

Returned soldiers who will be found fit to follow the lectures will be admitted to the class with a view to their being appointed as Sanitary Inspectors and Sub Inspectors in the Districts

The question of the expansion of the existing facilities for the training of more health officers, Sanitary Inspectors, etc , is under consideration

SCHEME No. 10.

1 *Department* —Medical

2 *Scheme* —Improvement in medical education at the Grant Medical College, Bombay

3 *Brief description of the scheme* —In order to improve the examination results of the students of the Grant Medical College Bombay, and to produce efficient doctors it is proposed to entertain full time teaching staff in place of the present honorary staff in clinical subjects so that they can devote their whole attention to teaching and research

4 *Areas selected for application* —Bombay

5 *Other Departments concerned* —

6 *Upper staff for planning and/or execution of the scheme* —

1 Professor of Medicine on Rs 1,100—40—2 000
1 Professor of Clinical Medicine on Rs 1,200—40—1,800
1 Professor of Surgery on Rs 1 400—40—2 000
1 Professor of Clinical and Operative Surgery on Rs 1,200—40—1,800
2 Registrars on Rs 250 each
3 Honorary Physicians on Rs 100 per mensem each
3 Honorary Assistant Physicians on Rs 85 per mensem each
3 Honorary Surgeons on Rs 100 per mensem each
3 Honorary Assistant Surgeons on Rs 85 per mensem each
10 Housemen on Rs 50 each

7 *Lower staff for planning and/or execution of the scheme* —

8 *How staff to be obtained* —The staff will be recruited from the available local sources, by inviting applications through advertisement without restriction as to race or domicile, as it is important to secure the best men available regardless of their origin especially for the posts of Professors

9 *Rough estimate of cost at existing rates for each year of the First Five Year Plan* —

——	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital						
(b) Recurring	*50 080	*52 000	*53 920	*55 840	*57 760	2 69 600
Total	50 080	52 000	53 920	55 840	57 760	2 69 600

* This represents the net additional expenditure on account of the entertainment of the full time staff—in place of the part time staff at the Grant Medical College Bombay The net expenditure is arrived at as follows for the 1st year —

Rs 87,720 (full time staff)	—Rs 37,640
(existing part time staff)	=Rs 50 080

10 *To what extent is the scheme productive and/or cost recoverable* —

11 *Nature of material, machinery, etc , needed from*—

(a) *abroad* —
(b) *locally* —

12 *Any other remarks or information* —Although this scheme is included in the list of Post war schemes, it is proposed to put the scheme into effect immediately in view of its urgency, as more and better doctors are required

SCHEME No. 11.

1 *Department* —Medical

2 *Scheme* —College of Nursing at Satara

3 *Brief description of the scheme* —It is proposed to establish a College of Nursing at Satara with effect from 1st April 1915 for training 60 students per annum (15 students for each course of 3 months) The College will serve as a preliminary training school for the several hospitals which are recognised by the Bombay Nurses, Midwives and Health Visitors Council as centres for training nurses

4 *Areas selected for application* —Marathi speaking districts

5 *Other Departments concerned* —

6 *Upper staff for planning and/or execution of the scheme* —

1 Lady Superintendent on Rs 220—25/2—320 (*plus* uniform allowance of Rs 72 per annum)

1 Assistant Lady Superintendent on Rs 100—10—150 *plus* uniform allowance of Rs 72 per annum

1 House and Linen Keeper on Rs 60—5—80 *plus* uniform allowance of Rs 40 per annum

1 Clerk on Rs 25—5/2—55

7 *Lower staff for planning and/or execution of the scheme* —

2 Hamals on Rs 14 per mensem each *

1 Sweeper on Rs 11 per mensem *

1 cook on Rs 14 per mensem *

2 Table servers on Rs 11 per mensem each *

1 cook s mate on Rs 11 per mensem *

*with House Rent allowance of Rs 2 per mensem each

8 *How staff to be obtained* —To be recruited from outside sources by advertisement

9 *Rough estimate of cost at existing rates for each year of the First Five Year Plan* —

—	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	*6 000					6 000
(b) Recurring	†23 810	24 134	24 558	24 882	25 206	1 22 590
Total	29 810	24 134	24 558	24 882	25 206	1 28 590

*For equipment

†This includes expenditure on account of stipends to students lecture fees messing charges contingencies rent for building pay and allowances of the staff etc

10 *To what extent is the scheme productive and/or cost recoverable* —

11 *Nature of material machinery etc needed from*—

(a) *abroad* —

(b) *locally* —

12 *Any other remarks or information* —

(i) The building with an estimate of Rs 1 00 000 required for the College being included in the Public Works Department Scheme No 75 reg building works

(ii) It has been decided to treat the scheme as a Special Priority Scheme to put into effect from 1st April 1915

SCHEME No. 12.

1 *Department* —Education

2 *Scheme* —Expansion of the College of Engineering, Poona

3 *Brief description of the scheme* —Government has decided that with eff from June 1944, extra students should be admitted every year to the degree cour at the College of Engineering Poona as shown below in order to meet the P W demand for trained staff —

	No of extra annual admissions
Civil Engineering Course	40
Mechanical Engineering Course	5
Electrical Engineering Course	5
	50

It has also been decided that 50 extra students should be admitted to the c side of the diploma classes at the College of Engineering from June 1944

4 *Areas selected for application* —Poona

5 *Other Departments concerned* —Public Works Department

6 *Upper staff for execution of the scheme* —Vide attached statements I, II and I

7 *Lower staff for execution of the scheme* —Vide attached statements I, II and I

8 *How staff to be obtained* —By promotion in the Department or recru ment by advertisement

9 *Rough estimate of cost at existing rates for each year of the first Five Year Plan*

—	1st year* 1944-45	2nd year 1945-46	3rd year 1946-47	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	4 56 500	1 [illegible]3 000	33 000	2 75 000†		9 17 50
(b) Recurring	38 400	1 13 000	1 17 000	1 17 000	1 17 000	5 02 40
Total	4 94 900	2 66 000	1 50 000	5 09 000		14 19 900

*This expenditure is likely to increase by Rs 25 000 which is the estimated cost of construct a common room for the staff and students of the College The need for this work is being exami and it may be sanctioned during the current year if Government is satisfied on this point

†These buildings are to be constructed after the war

10 *To what extent is the scheme productive and/or cost recoverable* —Fees fro extra students —

	Rs
1st year	20 000
2nd year	40,000
3rd year	60,000
4th year	90,000
5th year	90 000
Total	3,00,000

Nature of material, machinery, etc , needed from—

(a) *Abroad* — } The equipment required is to be obtained through the Central
(b) *Locally* — } Stores Purchase Organisation of Government

Any other remarks or information —The Director of Public Instruction has asked to furnish Government as soon as possible with comparative statements ie existing staff, contingent grants, etc , of the College and the additions to n needed owing to the proposed expansion of the College during the years –45, 1945–46 and 1946–47, with full justifications for the additions The oosals of the Director of Public Instruction are still awaited

STATEMENT I

Extra staff required due to Revision of Courses during 1944-45.

Department	Staff
1 Workshops	One Assistant Lecturer (Rs 135—8—215) Average pay Rs 190 One Skilled Artisan Grade I (Rs 70—5—100) Average pay Rs 93 One Machine Attendant (Rs 20—1—30) Average pay Rs 23 3
2 Civil Engineering	Two Assistant Lecturers (Rs 135—8—215) Average pay Rs 190 One Laboratory Attendant (Rs 20—1—30) Average pay Rs 23 3
3 Applied Mechanics and Mathematics	One Lecturer Class II (Rs 170—10—250—E B —15—500)
4 Mechanical Engineering	One Machine Attendant (Rs 20—1—30) Average pay Rs 23 3
5 Electrical Engineering	One Machine Attendant (Rs 20—1—30) Average pay Rs 23 3 One Assistant Lecturer in Electrical Engineer (Rs 135—8—215)
6 Geology (Metallurgy)	
7 Office	One Clerk (Rs 25—5/2—55) One hamal at Rs 16

STATEMENT II

Extra staff required due to 50 additional admissions to the Degree courses during 1944-45

Department	Staff
1 Workshops	100)
2 Civil Engineering	
3 Applied Mechanics and Mathematics	Average pay Rs 190 One Machine Attendant (Rs 20—1—30) Average pay Rs 23 3
4 Mechanical Engineering	One Assistant Lecturer (Rs 135—8—215) Average pay Rs 190 One Skilled Artisan Grade I (Rs 70—5—100) Average pay Rs 93 One Machine Attendant (Rs 20—1—30) Average pay Rs 23 3

STATEMENT II—*contd*

Department	Staff
Chemistry and Geology	One Laboratory Assistant (Rs 20—1—30) Average pay Rs 23 3
Electrical Engineering	One Assistant Lecturer (Rs 125—5—215) Average pay Rs 190 One Skilled Artisan (Rs 70—5—100) Average pay Rs 93 One Machine Attendant (Rs 20—1—30) Average pay Rs 23 3
Office and Library	One Clerk (Rs 25—5 2—55) One Library Assistant (Rs 25—5 2—[illegible]—60) Average pay Rs 50 One Hamal at Rs 16 per mensem.

STATEMENT III

Extra staff required due to 30 additional admissions the Diploma Course in Civil Engineering during 1944-45

Department	Staff
Workshops	One Skilled Artisan, Grade I (Rs 70—5—100) Average pay Rs 93 One Machine Attendant (Rs 20—1—30) Average pay Rs 23 3
Civil Engineering	One Demonstrator (Rs 135—8—215) Average pay Rs 190 Two Survey Instruments Attendants (Rs 20—1—30) Average pay Rs 23 3
Mechanical Engineering	
Applied Mechanics and Mathematics	
Electrical Engineering	One Laboratory Assistant (Rs 20—1—30) Average pay Rs 23 3
Chemistry and Geology	One Laboratory Assistant (Rs 20—1—30 Average pay Rs 23 3
Office	

Statement I

Extra staff required due to Revision of Courses during 1944–45

	Department	Staff
1	Workshops	One Assistant Lecturer (Rs 135—8—215) Average pay Rs 190 One Skilled Artisan Grade I (Rs 70—5—100) Average pay Rs 93 One Machine Attendant (Rs 20—1—30) Average pay Rs 23 3
2	Civil Engineering	Two Assistant Lecturers (Rs 135—8—215) Average pay Rs 190 One Laboratory Attendant (Rs 20—1—30) Average pay Rs 23 3
3	Applied Mechanics and Mathematics	One Lecturer Class II (Rs 170—10—250—E B—15—500) Average pay Rs 3[illegible]
4	Mechanical Engineering	One As[illegible] One Machine Attendant (Rs 20—1—30) Average pay Rs 23 3
5	Electrical Engineering	One Machine Attendant (Rs 20—1—30) Average pay Rs 23 3 One Assistant Lecturer in Electrical Engineering (Rs 135—8—215)
6	Geology (Metallurgy)	
7	Office	One Clerk (Rs 25—5/2—55) One hamal at Rs 16

Statement II

Extra staff required due to 50 additional admissions to the Degree courses during 1944–45

	Department	Staff
1	Workshops	[illegible]
2	Civil Engineering	[illegible] [illegible] Machine Attendant (Rs 20—1—30) Average pay Rs 23 3
3	Applied Mechanics and Mathematics	One Assistant Lecturer (Rs 135—8—215) Average pay Rs 190 One Machine Attendant (Rs 20—1—30) Average pay Rs 23 3
4	Mechanical Engineering	One Assistant Lecturer (Rs 135—8—215) Average pay Rs 190 One Skilled Artisan Grade I (Rs 70—5—100) Average pay Rs 93 One Machine Attendant (Rs 20—1—30) Average pay Rs 23 3

STATEMENT II—*contd*

Department	Staff
Chemistry and Geology	One Laboratory Assistant (Rs 20—1—30) Average pay Rs 23 3
Electrical Engineering	One Assistant Lecturer (Rs 135—8—215) Average pay Rs 190 One Skilled Artisan (Rs 70—5—100) Average pay Rs 93 One Machine Attendant (Rs 20—1—30) Average pay Rs 23 3
Office and Library	One Clerk (Rs 25—5/2—55) One Library Assistant (Rs 25—5/2—55—5—80) Average pay Rs 50 One Hamal at Rs 16 per mensem

STATEMENT III

Extra staff required due to 50 *additional admissions the Diploma Course in Civil Engineering during* 1944-45

Department	Staff
Workshops	One Skilled Artisan Grade I (Rs 70—5—100) Average pay Rs 93 One Machine Attendant (Rs 20—1—30) Average pay Rs 23 3
Civil Engineering	One Demonstrator (Rs 135—8—215) Average pay Rs 190 Two Survey Instruments Attendants (Rs 20—1—30) Average pay Rs 23 3
Mechanical Engineering	
Applied Machanics and Mathematics	
Electrical Engineering	One Laboratory Assistant (Rs 20—1—30) Average pay Rs 23 3
Chemistry and Geology	One Laboratory Assistant (Rs 20—1—30) Average pay Rs 23 3
Office	

SCHEME No 13

1 *Department* —Educational

2 *Scheme* —Training of Primary Teachers for employment in concentrat areas

3 *Brief description of the scheme* —Opening of three Primary Training Colle with hostels attached to them

4 *Areas selected for application* —Districts of Ratnagiri Kolaba Satara Poon Sholapur Ahmednagar Belgaum Bijapur and Surat

5 *Other Departments concerned* —

6 *Upper staff for planning and/or execution of the scheme* —

For planning—(1) One Bombay Educational Service Officer in the B E Class II scale of Rs 170—500
(2) One clerk in the scale of Rs 25—5/2—55

For execution—(1) Three B E S Class II Officers in the scale of Rs 170—5
(2) Thirty trained graduate teachers in the scale of pay Rs 15—175
(3) Six clerks in the scale of Rs 25—5/2—55

7 *Lower staff for planning and/or execution of the scheme* —
For planning—Two peons on Rs 18 and Rs 17 per mensem
For execution—60 inferior servants on Rs 12 to Rs 18 per mensem

8 *How staff to be obtained* —
Upper staff—By promotion or transfer in the Department
Lower staff—By recruitment as far as possible from returned soldiers

9 *Rough estimate of cost at existing rates for each year of the First Five Y Plan* —

—	1st year	2nd year	3rd year	4th year	5th year	Tota
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	30 000					30 [illegible]
(b) Recurring	1 04 000	1 37 000	1 40 000	1 43 000	1 46 000	6 0[illegible]
Total	1 34 000	1 37 000	1 40 000	1 43 000	1 46 000	7 00[illegible]

10 *To what extent is the scheme productive and/or cost recoverable* —

11 *Nature of material machinery etc needed from*—

(a) Abroad—

(b) Locally—Furniture and other equipment to be purchased locally

12 [illegible]

[illegible] buildings till separa

buildings are provided for them

SCHEME No. 14.

1 *Department*—Department of Industries

2 *Scheme*—Training of technical personnel in connection with Electrical Grid heme

3 *Brief description of the scheme*—Scheme for the training at the Victoria Jubilee chnical Institute of Electricians and other technical personnel in connection th the Electrical Grid Scheme

4 *Areas selected for application*—Bombay

5 *Any other remarks or information*—The scheme is still under the consideration Government and consequently no details have so far been settled.

ALL PROVINCE SCHEMES.

SCHEME No. 15.

1. *Department* —Agricultural.

2 *Scheme* —Agricultural Research—Expansion of

3 *Brief description of the scheme* —The scheme provides for the most urgent requirement in connection with the extension of scientific research work in connection with agricultural development in the Province of Bombay, especially, in regard to the improvement of yield and quality of the more important food crops, the investigation of soil and agronomic problems of economic importance to the cultivators and scientific investigations into other aspects of agriculture which are considered to be of prior importance in post-war agricultural improvement and expansion.

The major items of scientific research work in the Scheme are as under —

(a) *Plant Breeding and Crop Improvement (Cereals)* —(Under the Deputy Director of Agriculture, Crop Research) Provides adequate facilities for scientific plant breeding and crop improvement work on the main cereal food crops, e g jowar, bajri, wheat, rice, etc

(b) *Plant Breeding and Crop Improvement (Pulses and Oil seeds)* —(Under the Economic Botanist to Government) Provides for necessary facilities, staff, equipment, etc for urgent scientific work on the improvement of pulse and oilseed crops of importance in the Province viz *kulthi math, udid, lang, tur*, safflower, sesamum, gram, castor, groundnut, etc

(c) *Agricultural Chemistry* —(Under the Agricultural Chemist to Government, Agricultural College, Poona) Provides for scientific investigation into (a) reclamation and improvement of damaged lands, e g Karl lands of Karnatak, *bhal* lands of Gujarat, salt land areas, etc , (b) fertility survey of cultivable lands in the Province, (c) chemical aspects of organic and inorganic manuring of different crops on different soil types, (d) improvement of *gul* quality, (e) nutritive values of various fodder crops, (f) indigenous manufacture of fertilisers, insecticides, etc , etc

(d) *Agricultural Entomology* —(Under the Agricultural Entomologist to Government, Agricultural College, Poona) Provides for adequate staff, equipment, contingencies, etc , at headquarters and in the districts for scientific research work into important economic entomological problems, including study of factors governing outbreaks of insect pests, insect pests on the rice crop and on fruit trees, insect pests of stored grain etc

(e) *Agronomical Research* —(Under Professor of Agriculture, Agricultural College, Poona) Provides for scientific experimental work on tillage methods, manurial treatments rotations, etc , designed to increase the yield per acre of major food crops in the Province, *e g* , jowar, bajri, etc , and of important fodder crops

(f) *Plant Pathology* —(Under Plant Pathologist to Government, Agricultural College, Poona) Provides for two sub stations, one in Southern and one in Northern Divisions of the Province, for research work on important crop diseases in these areas and as the headquarters for a plant disease control staff in the districts under the Plant Pathologist to Government

(g) *Agri Silvicultural Research Station, Sirsi* —Provides for scientific investigation into problems connected with the cultivation of agricultural and garden crops in the up ghat tracts of Kanara district and with silvicultural and agri silvicultural problems dealing with improvement of production of indigenous

tree crops economic development of forest areas, land development, etc in the same areas

4 *Areas selected for application*—Whole of Province

5 *Other Departments concerned*—Revenue Department, Forest Department and Public Works Department

6 *Upper staff for planning and/or execution of the scheme*—

(a) B A S Class II—Items (a) to (g)—
13 Officers (gazetted)

(b) Agricultural Officers (graduates)—
23 Grade I—Items (a) to (g) and
73 Grade II—Items (a) to (f)

7 *Lower staff for planning and/or execution of the scheme*—

(a) Agricultural Assistants—

29 Grade I
39 Grade II

(b) 76 Kamgars
(c) 13 Counters
(d) 19 Muccadams

(e) Forest Staff [Item (g)]—

(1) 1 Range Forest Officer
(2) 2 Foresters
(3) 6 Forest Guards

Clerical and Office staff —

(a) 3 Clerks (Senior)
(b) 19 Clerks (Junior)
(c) 24 Peons
(d) 10 Laboratory Boys

8 *How staff to be obtained*—Upper staff, i e gazetted and graduates will be obtained by promotion within existing cadres or by direct recruitment of suitably qualified candidates The lower staff will largely be obtained from departmental training centres and by promotion from lower grades in specialized sections of the department

9 *Rough estimates of cost at existing rates for each Year of the First Five Year Plan*—(*vide* serial No 3 above)

Item	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) *Capital*—Item(a)—						
(b) *Recurring*—Capital	66 500	73 500	73 500			2 13 500
Recurring	9 000	1 50 000	2 20 000	2 20 000	2 27 000	8 96 000
Total	1 45 500	2 23 500	2 93 500	2 20 000	2 27 000	1 109 500
Item (b)—						
Capital	30 500	18 000	18 000			66 500
Recurring	58 000	77 000	97 000	1 01 000	1 04 000	4 37 000
Total	88 500	95 000	1 15 000	1 01 000	1 04 000	5 03 500

Item		1st Year	2nd Year	3rd Year	4th Year	5th Year	Total
		Rs	Rs	Rs	Rs	Rs	Rs
Item (c)—							
Capital		25 000	35 000	1 000	1 000	1 000	60 000
Recurring		20 000	31 000	44 000	47 000	49 000	1 91 000
	Total	45 000	66 000	45 000	48 000	50 000	2 51 000
Item (d)—							
Capital		65 000		11 000			76 000
Recurring		77 000	7_ 000	75 000	78 000	8 000	3 84 000
	Total	1 4? 000	7? 000	86 000	?8 000	8 000	4 60 000
Item ( )—							
Capital		1 000					1 000
Recurring		7 000	7 500	8 000	8 000	8 000	38 500
	Total	8 000	7 500	8 000	8 000	8 000	39 500
Item (f)—							
Capital		50 000	55 000	5 000	5 000	5 000	1 20 000
Recurring		13 000	23 ?00	24 400	25 800	27 000	1 13 400
	Total	63 000	78 ?00	29 400	30 800	32 000	2 33 400
Item (g)—							
Capital		1 00 000					1 00 000
Recurring		30 000	32 000	33 000	34 000	3 000	1 64 000
	Total	1 30 000	32 000	33 000	34 000	35 000	2 64 000
					Total—Capital		6 37 000
					Recurring		22 26 900
					Grand Total		28 63 900

10 *To what extent is the scheme productive and/or cost recoverable*—No appreciable money income need be anticipated from any item proposed under the scheme The indirect returns however represented in the extension of better yielding crop varieties reduction or losses from plant diseases and insect pests, improved methods of soil treatment and tillage etc are incalculable

11 *Nature of material machinery etc needed from*—

(a) *abroad*—Certain laboratory apparatus equipment etc not procurable in India Chemicals etc

(b) *locally*—Implements furniture laboratory and field equipment etc

12 *Any other remarks or information*—The scheme is approved generally and the Director has been asked to put up detailed schemes in order of priority after reviewing research work on various items done so far and the progress made in giving effect to various research schemes now in progress etc

SCHEME No 16

1 *Department* —Agricultural

2 *Scheme* —Provision of adequate staff and contingencies for conducting district work of the Agricultural Department throughout the Province on adequate basis to meet Post War requirements for Agricultural Development

3 *Brief description of the scheme* —Provides for (*a*) the head quart and (*b*) the district staffs of the Agricultural Department in order to ena the extended activities of the department in the Post War period connected wi the supervision and execution of district work i e propaganda demonstrat services to the public work etc , to be adequately and efficiently carried out

In brief it is proposed —

(1) to strengthen the supervisory staff of the Agricultural Department (*a*) head quarters and (*b*) in the districts by the addition of the underm Class I B A S posts on a permanent basis —

One post of Assistant Director of Agriculture (A)

One post of Deputy Director* of Agriculture Headquarters (A)

One post of Deputy Director of Agriculture Konkan Division (B)

Two additional posts of territorial Deputy Directors of Agricultur addition to three such posts now in existence and the redistribution of cha among 5 instead of 3 Deputy Directors of Agriculture

(2) to augment the present district staff (C) of the Agricultural Departn gradually over a period of 5 years so that at the end of that per there will be —

One Agricultural Officer (graduate) for each Prant

One Agricultural Assistant (non graduate) for each Taluka

One Agricultural Officer (graduate) for each Government Farm

Two Agricultural Assistants (non graduates) for each Government Farn

Two trained kamgars under each Agricultural Officer

One trained Kamgar under each Agricultural Assistant

4 *Areas selected for application* —Whole of the Province

5, *Other Department to be consulted* —Revenue and Public Works Departmen

6 *Upper staff for planning and/or execution of the scheme*—

A *Upper staff* —(*a*) *Class I B A S* —
Gazetted officers -

(A) At present these appointments are sanctioned on a temporary basis

(B) At present the Konkan Division is in charge of a Divisional Superintendent of Agricultu Class II B A S

(C) Present staff of Agricultural Officers—
in d tr cts 1
on Government I arms

Present staff of Agric ltural Assistants—
in districts
on Government Farms 2

Present staff of Kamgars— 1
in districts
on Government Farms 2

*Sanctioned up to 19th August 1944 and has s nce been extended for a year more.

(b) *Agricultural Officers*—

Grade I — 6

Grade II — 19

7 *Lower staff for planning and/or execution of the scheme*—

B *Lower staff*—

(a) *Agricultural Assistants*—

Grade I — 25

Grade II — 13'

(b) *Kamgars* — 260

C *Clerical and Office staff*—

(a) Senior clerks — 17

(b) Junior clerks — 35

(c) Peons — 10

8 *How staff to be obtained*—The Class I B A S personnel will largely be
ailable by promotion within existing cadres o
m Class II B A S and senior gradu
ricultural Officers in Grade I will be filled
ade II and in Grade II by r
iona Lower and clerical s
department training centr
er suitable training period

9 *Rough estimates of cost at existing rates for each year of the First Five Year Plan*—

(a) Capital (vide Serial No 3 above)	Yr 1st	Yr 2nd	Yr 3rd	Yr 4th	Yr 5th	Total
(b) *Recurring*—						
(a) *Pay of staff*—						
1 Upper staff	30 000	40 500	50 500	55 000	60 000	2 36 000
2 Lower staff	80 000	1 45 000	2 00 000	2 40 000	3 00 000	9 65 000
3 Clerical and office staff	30 000	43 000	50 000	51 000	52 000	2 26 000
(b) *Allowances*	57 000	1 00 000	1 32 000	1 50 000	1 70 000	6 09 000
(c) *Contingencies*	10 000	11 000	12 000	9 000	9 000	51 000
Total	2 07 000	3 39 500	5 67 800	5 05 000	5 91 000	20 87 000

10 *To what extent is the scheme productive and/or cost recoverable*—The Scheme is not directly productive and none of the cost involved is recoverable The additional staffs however, is necessary for the adequate supervision and conduct of the increased activities of the Agricultural Department consequent upon other schemes of rural development and the increase in departmental activities anticipated in the immediate post War period

11 *Nature of material machinery etc needed from*—

(a) *abroad*—Typewriting machines duplicators and specialised office equipment

(b) *locally*—Agricultural implements office furniture and equipment etc

12 *Any other remarks or information*—The scheme is generally approved in principle and the Director asked to approach Government for the creation of additional posts as and when required with full details of the expenditure required to strengthen the staff in the areas concerned

SCHEME No 17.

1 *Department* —Agricultural

2 *Scheme* —Establishment required by the Deputy Director of Agricult Headquarters "Grow More Food Crops Campaign, for controlling the var schemes outlined under Multiplication and Distribution of improved seed of f grain crops (Schemes Nos 18 to 22) and purchase storage and distribution manure (*vide* Schemes Nos 48 and 49) to the same

3 *Brief description of the scheme* —The scheme provides for the n expansion of the Central Office under the Deputy Director of Agriculture H quarters Grow More Food Crops' Campaign Poona to enable him to perf the extended activities of the various schemes under his control The total e tima expenditure of the various schemes comes to Rs 1,13 92 910 and the add estimated income to the cultivators comes to Rs 17,11,94 900 The follow statement gives an idea of the amount of work and funds to be handled under e scheme—

Scheme No	Name of the Scheme	Area to be covered.	Estimated cost	Total addit yield
		Acres	Rs	Mau
I(*a*)	Multiplication and Distribution of improved strains of different varieties of paddy in the drilled paddy tract (Dharwar and Belgaum districts) of the Bombay Province	150 000	5 13 658	1 063
I(*b*)	Multiplication and Distribution of improved varieties of paddy seeds in the North Konkan tract of the Bombay Province	300 000	4 21 429	1 190
I(*c*)	Multiplication and Distribution of Nadad Bajri No 207	300 000	1 28 404	647
I(*d*)	Multiplication and Distribution of seeds of improved varieties of *bajri rabi jowar wheat* and *gram* in the extensive dry tract of the Bombay Deccan and Karnatak	3 000 000 3 000 000 500 000 300 000	18 59 099	5 [illegible]75 2,[illegible] 720 3[illegible]
II(*a*)	Application of groundnut cake manure to paddy irrigated wheat and jowar crops	2 2[illegible]0 000	83 8[illegible] 320	6 660
II(*b*)	Preparation of a mixture of ammonium phosphate bonemeal and groundnut cake and its application to potato crop	9 000	85 000	875
	Total	[illegible] 7[illegible]9 300	1 13 9[illegible] 910	17 419

4 *Areas selected for application* —Whole of the Bombay Province

5 *Other Departments concerned* —

6 *Upper staff for planning and/or execution of the Scheme* —Two Gazet Officers—Class II of the Bombay Agricultural Service for five years

7 *Lower staff for planning and/or execution of the Scheme* —16 clerks and peons for five years

8 *How staff is to be obtained* —By promotion and recruitment Retur soldiers can be appointed to posts of clerks and peons after suitable training

9 *Rough estimates of cost at existing rates for each year of the First Five Year Pla*

	1st year	2nd year	3rd year	4th year	5th year	Tota
	Rs	Rs	Rs.	Rs	Rs	Rs
(*a*) Capital			Nil			
(*b*) Recurring	30 124	3 [illegible]544	36 888	37 308	38 6[illegible]2	1 8[illegible]5
Grand Total			Rs 1 87 616			

10 *To what extent is the scheme productive and/or cost recoverable* —The Scheme not directly productive Efficient supervision is, however, necessary to achieve ie most valuable results estimated in various schemes proposed

11 *Nature of materials, machinery, etc needed from—*

(a) *Abroad* —Typewriters, duplicators and specialised office equipment

(b) *Locally* —

˘˘ *Any other remarks or information* —The Scheme is of urgent importance der to enable adequate and efficient supervision being exercised over the various nes under the Deputy Director of Agriculture Headquarters

ie details of the Scheme have not yet been approved by Government

SCHEME No 18

1 *Department* —Agricultural

2 *Scheme* —Multiplication and Distribution of improved strains of different varieties of paddy in the drilled paddy tract (Dharwar and Belgaum district, the Bombay Province

3 *Brief Description of the Scheme* —It is proposed to cover an area of 1,50,000 acres in five years Wild rice which is locally called 'Gona' in the drilled paddy tract acts as a pernicious weed and is required to be eliminated from pure seed Its grain matures very unevenly and drips as it matures being thus entirely lost to the cultivators It multiplies very rapidly through land contamination and the fields affected by "Gonag" go wild very soon causing great loss to cultivators Pure paddy seed multiplication in the drilled paddy tract of the Bombay Province is very important and necessary and this Scheme aims at it There are improved strains of three varieties of paddy, viz Mugad Antarsel and Dodga, there is scope for extension of these over an area of 150 000 acres The yield of paddy is commonly 20 times the seed but for the purpose of the Scheme with due allowance for consumption etc 10 times has been taken as multiplication factor There will be 4 stages of seed multiplication and in each of these rigorous roguing for purity of seed from Gonag and other varieties of paddy is absolutely necessary for which provision is made The total irrecoverable expenditure of the Scheme comes to about five lakhs rupees The following statement gives an idea of the areas under different stages in different years —

Year	Acres in different stages				
	1st	2nd	3rd	4th	5th
1st	10	1 0			* 60 000
2nd	10	150	1 500		* 60 000
3rd	10	150	1 500	15 000	* 60 000
4th	10	150	1 500	15 000	150 000
5th	10	150	1 500	15 000	150 000

* During the first three years of the Scheme fairly pure seed already available in the districts will be distributed over an area of 60 000 acres

4 *Area selected for application* —Dharwar and Belgaum Districts of Karnatak

5 *Other Departments concerned* —

6 *Upper Staff for planning and/or execution of the Scheme* —
1 Gazetted Class II Officer of the B A S and
3 Agricultural Officers for five years

7 *Lower Staff for planning and/or execution of the Scheme* —

Year	Clerks	Kamgars	Depot Kamgars	Peons
1st	2	6	6	5
2nd	2	9	9	5
3rd	2	12	12	5
4th	2	15	15	5
5th	2	15	15	5

8 [illegible]
can be [illegible] ned sol be

9 *Rough estimates of cost at existing rates f r each year of the first fire year an* —

Items		1st year	° 1 year	3rd year	4th year	5tl year
		Rs	Γs	Rs	Rs	Rs
) Cap tal	1 Sub ly for rouguing etc	300	3 300	33 300	33 300	33 300
	° Prem um on p rchase and excl ange of seed	30 900	30 900	39 900	₀ 000	75 000
	3 Transport and storage charges	600	6 600	6 000		
) Recurring	4 Cost of staff *and cont n genc es*	21 506	21 978	27 °30	3ˀ 18°	3° 762
		53 306	71 788	10 730	1 40 48°	1 41 062

	Rs
Cap tal	3 78 000
Recurring	*1 35 658*
Grand Total	5 13 6₅8

10 *To what extent the Scheme is prod ictive and/or cost recoverable* —The resulting litional income to cultivators by workin, the Scheme would be as under —

Year	Area under mproved seed	Add t onal y eld per acre	Total addit onal yield	Value of add tional y eld
	Acres	Maunds	Maunds	Ps.
t	60 150	°	1 °0 300	96° 400
1	61 6₅0	2	1 °3 300	983 400
d	76 650	2	1 53 300	1 2 64 00
h	166 6₅0	°	3 33 300	2 666 4 00
h	166 6₅0	°	3 33 300	2 666 4 00
			1 063 500	8 508 000

11 *Nat ire of materials machinery etc needed from*—

(*a*) *abroad*—Typewriter

(*b*) *locally*—Offi e furniture equipments etc

Tl e details of the Scheme have not yet been approved l y Govern

1 *Department* —Agricultural

2 *Scheme* —Multiplication and Distribution of improved strains of dif varieties of paddy in the drilled paddy tract (Dharwar and Belgaum district the Bombay Province

3 *Brief Description of the Scheme* —It is proposed to cover an area of 15 acres in five years Wild rice which is locally called Gonag in the drilled p tract acts as a pernicious weed and is required to be eliminated from pure p seed Its grain matures very unevenly and drips as it matures being the en lost to the cultivators It multiplies very rapidly through land conta a and the fields affected by Gonag go wild very soon causing great loss to cultivators Pure paddy seed multiplication in the drilled paddy tract of the Bor Province is very important and necessary and this Scheme aims at it Ther improved strains of three varieties of paddy, viz Mugad Antarsel and Dod va there is scope for extension of these over an area of 150 000 acres The yield of p is commonly 20 times the seed but for the purpose of the Scheme with due allow for consumption etc 10 times has been taken as multiplication factor T will be 4 stages of seed multiplication and in each of these rigorous rou um purity of seed from Gonag and other varieties of paddy is absolutely necessar which provision is made The total irrecoverable expenditure of the Scheme c to about five lakhs rupees The following statement gives an idea of the areas u different stages in different years —

Year	Acres in different stages				
	1st	2nd	3rd	4th	5th
1st	10	150			* 60
2nd	10	150	1 500		* 60
3rd	10	150	1 500	15 000	* 60
4th	10	150	1 500	15 000	150
5th	10	150	1 500	15 000	150

* During the first three years of the Scheme fairly pure seed already available in the districts w distributed over an area of 60 000 acres

4 *Area selected for application* —Dharwar and Belgaum Districts of Karna

5 *Other Departments concerned* —

6 *Upper Staff for planning and/or execution of the Scheme* —

1 Gazetted Class II Officer of the B A S and

3 Agricultural Officers for five years

7 *Lower Staff for planning and/or execution of the Scheme* —

Year	Clerks	Kamgars	Depot Kamgars	Peon
1st	2	6	6	5
2nd	2	9	9	5
3rd	2	12	12	5
4th	2	15	15	5
5th	2	15	15	5

8 *How staff is to be obtained* —By promotion and recruitment Returned sol can be employed as clerks kamgars peons etc after suitable training

9. *Rough estimates of cost at existing rates for each year of the First Five Year Plan* —

Items	1st year	2nd year	3rd year	4th year	5th year
	Rs	Rs	Rs	Rs	Rs
(a) Capital					
Premium on purchase and exchange of seed	9,000	9,900	18,900	84,900	84,900
(b) Recurring					
Transport and storage charges	60	660	6 660	6,660	6,660
Cost of Staff and Contingencies	26,464	30,229	41,342	47,607	47,607
	35,524	40,789	66,902	1,39,167	1,39,167
Grand Total		Rs 4,21,549			

10 *To what extent the Scheme is productive and/or cost recoverable* —The resulting additional income to cultivators by working the Scheme would be as under —

Year	Area under improved seed	Additional yield per acre	Total additional yield	Value of additional yield
	Acres	Maunds	Maunds	Rs
1st	30,300	1½	45,450	[illegible]
2nd	33,300	1½	49,950	[illegible]
3rd	63,300	1½	94,950	[illegible]
4th	3,33,300	1½	4,99,950	[illegible]
5th	3,33 300	1½	4,99,950	[illegible]
			11,90,250	[illegible]

11 *Details of materials, machinery, etc needed from*—

(a) *Abroad* —Typewriters

(b) *Locally* —Office furniture, equipments etc

12 *Any other remarks or information* —(1) An amount of Rs [illegible] s Personal Ledger Account for purchase of seed at the di[illegible] Director of Agriculture or the Officer in charge of the Scheme.

(2) The details of the Scheme have not yet been approved by [illegible]

SCHEME No 20.

1 *Department* —Agricultural

2 *Scheme*—Multiplication and Distribution of Nadiad Bajri No 207

3 *Brief Description of the scheme*—It is proposed to cover an area of 3 l[illegible] acres in four years Bajri is a highly cross pollinated [illegible]

[illegible] will only be multiplied, leaving the remaining 50 per [illegible] outside ring Bajri multiplies 100 times in North Gujarat, for the purpose [illegible] Scheme only 50 time is taken into account, leaving the rest for consumption [illegible] total irrecoverable expenditure of the Scheme comes to about Rs 1,30,000 [illegible] following statement gives an idea of the areas under different stages in dif[illegible] years over which pure seed is to be distributed

Year	Acres in different stages			
	1st year	2nd year	3rd year	4th year
1st	6	600 (300)		*12 00[illegible]
2nd	6	600 (300)	15 000 (7 500)	*12 000
3rd	6	600 (300)	15 000 (7,500)	3 00 000
4th	6	600 (300)	15 000 (7,500)	3 00 000

*During the first two years of the Scheme fairly pure seed already available in the districts wi[illegible] distributed over an area of 12 000 acres

Note—Bajri is a highly cross pollinated plant and provision has been made for raising the see[illegible] protected inner areas shown in brackets

4 *Area selected for application*—Ahmedabad, Kaira and Broach and Pa[illegible] mahals districts of Gujarat

5 *Other departments concerned*—

6 *Upper Staff for planning and/or execution of the scheme*—

1 Senior Agricultural Officer for four years

1 Agricultural Officer for first year

2 Agricultural Officers in the second year

3 Agricultural Officers in the third and fourth years

7 *Lower Staff for planning and/or execution of the scheme*—

Year	Clerks	Kamgars	Depot Kamgars	Peons
1st	1	1	1	2
2nd	2	5	5	3
3rd	2	15	15	4
4th	2	15	15	4

8 *How staff is to be obtained*—

By promotion and recruitment Returned soldiers can be employed as clerk[illegible] Kamgars, peons, etc, after suitable training

9. *Rough estimates of cost at existing rates for each year of the First five Year Plan* :—

Item	1st year	2nd year	3rd year	4th year.
	Rs	Rs	Rs	Rs.
(a) *Capital*				
Premium on purchase and exchange	600	1,350	15,750	15,750
Transport and storage charges	20	520	520	520
(b) *Recurring*				
Cost of Staff and Contingencies	12,056	15,890	32,714	32,714
Grand Total Rs 1,28,404 .	12,676	17,760	48,984	48,984

10 *To what extent the scheme is productive and/or cost recoverable* —

Year	Area under improved seed.	Additional yield per acre	Total additional yield	Value of additional yield.
	Acres	Maunds	Maunds	Rs.
t	600	1	600	3,600
nd	15,600	1	15,600	93,600
d	315,600	1	315,600	18,93,600
h	315,600	1	315,600	18,93,600
			6,47,400	38,84,400

11. *Details of materials, machinery, etc , needed from*—

(a) *abroad* —Typewriter.

(b) *locally* —Office furniture, equipment, etc

12 *Any other remarks or information* —An amount of Rs 10,000 may be kept s personal Ledger Account at the disposal of the Deputy Director of Agriculture r the Officer in charge of the Scheme

(2) The details of the scheme have not yet been approved by Government

SCHEME No 21

1 *Department* — Agricultural

2 *Scheme* —Multiplication and Distribution of seeds of improved varieties bajri, rabi jowar wheat and gram in the extensive dry tract of the Bombay Deccan and Karnatak

3 *Brief description of the Scheme* —In this extensive tract bajri in the kharif and jowar wheat and gram in the rabi season are the principle food crops B occupies an area of about 31 lakhs rabi jowar 56 lakhs wheat 12 lakhs and g 4½ lakhs acres Improved strains giving higher yield are available for multiplica and distribution in all these crops Akola bajri is suited for an area of about lakhs acres, M 35 1 rabi jowar for about 30 lakhs acres, improved strains of diff varieties of wheat viz, Jay Vijay, Motia Gulab and Niphad 4 have the scope f occupying an area of five lakhs acres and the improved variety of gram named chaf can command an area of 3 lakhs acres A combined Scheme, therefore aims covering 30 lakhs acres bajri 30 lakhs acres rabi jowar, 5 lakhs acres wheat and lakhs acres gram with a common staff to work at The total irrecoverable co of the Scheme is estimated at Rs 19 lakhs and the total estimated extra prof to the cultivators at Rs 52 millions during the period of five years for which t Scheme is proposed The following statements give an idea of the areas un different stages in different years of different crops —

Bajri

Year	Acres in different stages		
	1st year	2nd year	3rd year
1st	30 000 (15 000)		*100 000
2nd	30 000 (1 000)	300 000 (1 0 000)	*100 000
3rd	30 000 (1 000)	300 000 (150 000)	3 000 000
4th	30 000 (15 000)	300 000 (150 000)	3 000 000
5th	30 000 (1 000)	300 000 (150 000)	3 000 000

*During the first two years of the Scheme fairly pure seed already available in the districts will be distributed over an area of 100 000 acres

Note —1 [illegible]

Rabi Jowar

Year	Acres in different stages			
	1st year	2nd year	3rd year	4th year
1st	80	2 500		†200 000
2nd	80	2 500	50 000	†200 000
3rd	80	2 500	50 000	1 000 000
4th	80	2 500	50 000	2 000 000
5th	80	2 500	50 000	3 000 000

†During the first two years of the Scheme fairly pure seed already available in the districts will be distributed over an area of 200 000 acres

Wheat

Year	Acres in different stages					
	1st year	2nd year	3rd year	4th year	5th year	6th year
1st	160	800				*60 000
2nd	160	800	4 000			*60 000
3rd	160	800	4 000	20 000		*60 000*
4th	160	800	4 000	20 000	100 000	
5th	160	800	4 000	20 000	100 000	500 000

*During the first three years of the Scheme fairly pure seed already available in the districts will be distributed over an area of 60 000 acres

Gram

Year	Acres in different stages					
	1st year	2nd year	3rd year	4th year	5th year	6th year
1st	100	500				
2nd	100	500	2 500			
3rd	100	500	2 500	12 500		
4th	100	500	2 500	12 500	60 000	
5th	100	500	2 500	12 500	60 000	300 000

4 *Area selected for application*—Bombay Deccan and Karnatak

5 *Other Departments concerned*—Nil

6 *Upper Staff for planning and/or execution of the Scheme*—

2 Gazetted Class II Officers of the B A S for five years
6 Agricultural Officers for 1st year
8 Agricultural Officers for 2nd year
10 Agricultural Officers for 3rd year
12 Agricultural Officers for 4th and 5th years

7 *Lower Staff for planning and/or execution of the Scheme*—

Year	Clerks	Kamgars	Depot Kamgars	Peons
1st	4	16	16	10
2nd	6	30	30	10
3rd	6	40	40	14
4th	6	60	60	16
5th	6	60	60	16

8 *How staff is to be obtained*—By promotion and recruitment Returned soldiers can be employed as clerks, kamgars etc after suitable training

9 *Rough estimates of cost at existing rates for each year of the first Five Year Plan* The premium transport and storage charges are calculated separately for each crop The cost of staff and contingencies is worked out for the whole combined Scheme

Bajri

Items	1st year	2nd year	3rd year	4th year	5th year
	Rs	Rs	Rs	Rs	Rs
1 Premium on purchase and exchange of seed	6 500	21 500	1 66 500	1 66 500	1 66 500
2 Transport and storage charges	3 000	18 000	18 000	18 000	18 000
	9 500	39 500	1 84 500	1 84 500	1 84 500

Items	1st year	2nd year	3rd year	4th year	5th ye
	Rs	Rs	Rs.	Rs.	Rs.
		Rabi Jowar			
1 Premium on purchase and exchange of seed	10 000	12 500	47,500	47 500	47 [illegible]
2 Transport and storage charges	125	1,625	1,625	1,625	16[illegible]
	10 125	14 125	49 125	53 125	53 12
		Wheat			
1 Premium on purchase and exchange of seed	18,000	19 200	25 200	37,200	1,57,2
2 Transport and storage charges	240	1,440	7 440	37 400	37 4[illegible]
	18 240	20,640	32,640	74 640	2 24 64
1 Premium on purchase and exchange of seed		750	4 500	22,950	1 12,9.
2 Transport and storage charges	1 0	900	4 650	23 100	23,10
	150	1,650	9 150	46 050	1 36 05
Total of all crops	38 015	73 915	2,75,415	3,58,315	5 98 31
3 Cost of Staff and Contingencies	59 816	81,108	98 368	1,36,916	1,36 91
	97,831	1,57,023	3,73 783	4 95,231	7 35 23.

Grand Total Rs 18 50 000

10 *To what extent the scheme is productive and/or cost recoverable* —The resulti additional income to cultivators from different crops by working the scheme wou be as under —

Year	Area under improved seed	Additional yield per acre	Total additional yield	Value of additional yield
	Acres.	Maunds	Maunds	Rs.
		Bajri		
1st	130,000	½	65 000	3 90,000
2nd	430 000	½	215 000	12,90,000
3rd	3 330 000	½	1,666 000	79 90 000
4th	3 330,000	½	1,665,000	79 90,000
5th	3 330 000	½	1,665,000	79,90,000
			5 275,000	2,56,50 000
		Rabi Jowar		
1st	202 500	½	101,250	6,07,500
2nd	252,500	½	126 250	7,57,500
3rd	1,052,500	½	526 250	31,57,500
4th	1,552 500	½	776,250	46 57,500
5th	2,052,500	½	1,026 250	61,57,500
			2,556,250	1,50,37,500

Year	Area under improved seed	Additional yield per acre	Total additional yield	Value of Additional yield
		Wheat.		
	Acres	Maund	Maund	Rs
	60,800	3/4	45,600	5 17,200
	64,800	3/4	48,600	5 83,200
	84,800	3/4	63 600	7,63,200
	124,800	3/4	93 600	11,23,200
	624 800	3 4	468,600	56 23 200
			7,20 000	86 40 000
		Gram		
	500	3/4	375	3,750
	3,000	3/4	2,250	22,500
	15,500	3/4	11,625	1,16,250
	77,000	3/4	57,750	5,77,500
	377,000	3/4	282,750	22,87,500
			354,750	30 07,500
	Grand Total		52,335 000	

1 *Details of materials, machinery etc needed from—*

(*a*) *Abroad*—Typewriter

(*b*) *Locally*—Office furniture, equipments etc

12 *Any other remarks or information* —An amount of Rs 20 lakhs may be kept Personal Ledger Account for purchase of seeds of different crops at the disposal the Deputy Directors of Agriculture or the Officers in charge of the Scheme

2 The details of the Scheme have not been approved by Government

SCHEME No. 22

1 *Department* — Agricultural

2 *Scheme* —Production of the nucleus seeds of the improved strains of important food grain crops

3 *Brief description of the scheme* —Seeds of improved varieties of crops of paddy bajri, wheat, rabi jowar and gram intended to be multiplied are to be produced on Government Farms under the expert supervision of the Deputy Director of Agriculture (Crop Research)

It is proposed to organise this work on sound basis before the accompanying seed multiplication and distribution Schemes are started

Advantage of the existing Government farms is to be taken fully and the services of the existing farm staff utilised To meet the requirements of the accompanying Schemes however additional lands are to be taken on lease and expenditure on cultivation storage, fumigation chambers, etc , is necessary

There is sufficient area for raising the required quantities of paddy, bajri and rabi jowar seeds on farms but for the purpose of raising adequate quantities of wheat and gram, additional areas of 260 acres are to be taken on lease near the Government farms Niphad, Kopergaon, Bijapur and Dharwar

The total cost on this account works at about Rs 3 lakhs (Capital—Rs 1,30,000 plus recurring Rs 1,70 000) during the period of five years, for which the various seed multiplication and distribution Schemes are proposed

4 *Area selected for application* —The existing Government farms at Mugad, Karjat, Nadiad, Niphad, Kopergaon Sholapur, Bijapur, Dharwar, Chass and Jeur with an additional area of 260 acres

5 *Other Departments concerned* —

6 *Upper Staff for planning and/or execution of the scheme* —One Gazetted Officer in Class II of B A S , two Agricultural Officers

7 *Lower Staff for planning and/or execution of the scheme* —1 clerk, 1 Agricultural Assistant 4 mukadams 4 bullockmen 4 watchmen and 4 peons for five years

8 *How staff to be obtained* —By promotion and recruitment Returned soldiers can be employed as clerks agricultural assistants and other posts shown under item 7 above after suitable training

9 *Rough estimates of cost at existing rates for each year of the first five year plan* —

		Rs
(a) Capital —		
1	Stores, fumigation Chambers, Apparatus, fencing, livestock and other equipments	1,33,000
(b) Recurring —		
2	Land rent, cattle feeds, cultivation charges, etc , at Rs 20,000 per year	1,00,000
3	Cost of staff and contingencies . at about Rs 14,000 per year	70,000
	Total recurring	1,70,000
	Grand total	3,03 000

10 *To what extent the Scheme is productive and/or cost recoverable* —About 15 000 rupees will be recovered as the value of seed produced on 260 acres i e Rs 75 000 in 5 years

Details of materials machinery etc needed from—

(a) *Abroad* —Typewriter

(b) *Locally* —Office furniture, equipments etc

Any other remarks or information —The details of the scheme have not yet been approved by Government

SCHEME No 23

1 *D partment* —A ricultural

2 *Scheme* —Expansion of the district staff under the Agricultural E— Government

3 *Brief description of the scheme* —Provision of adequate mechanical a supervision etc, to cultivators possessing power plants tractors etc for a— tural purposes in the post war period when rapid development of power— ture is anticipated

4 *Areas selected for application* —Whole Province Greater attention will to be paid in Bijapur, Dharwar, Satara and Belgaum and Surat districts and of Poona Ahmednagar, Sholapur and Kolaba districts

5 *Other Departments concerned* —Nil

6 *Upper staff for planning and/or execution of the scheme* —Three Mecha Assistants (Rs 130—10—250)

7 *Lower staff for planning and/or execution of the scheme*—

6 Senior Mechanics (Rs 90—1—130)
6 Junior Mechanics (Rs 30—2—60)
6 Junior clerks
3 Peons

8 *How staff to be obtained* —Some posts will be filled up by promotion w existing cadres under the Agricultural Engineer and rest will be filled by recruitment Ex soldiers from technical units e g , engineers mechanical etc and labour released from war factories on cessation of hostilities would useful for filling some of the posts

9 *Rough estimates of cost at existing rates for each year of the first Five Year Pla*

—	1st year	2nd year	3rd year	4th year	5th year	Tot
	Rs	Rs	Rs	Rs	Rs	]
(a) Capital (b) Recurring	9 000	17 800	26 900	27 00	28 600	1 10 (
Total	9 000	17 800	26 900	27 00	28 600	1 10 (

10 *To what extent is the scheme productive and/or cost recoverable* —It is directly productive and the cost proposed is not recoverable

11 *Nature of materials machinery etc needed from*—

(a) *Abroad* —Nil
(b) *Locally* —Office furniture

12 *Any other remarks or information* —The scheme has been approved principle and the Director of Agriculture has been asked to approach Governm for the creation of posts in the scheme as and when required furnishing compl details

SCHEME No 24.

Department —Agricultural

Scheme —Revival of the Boring section

Brief description of the scheme —It is proposed to provide adequate staff, pment contingencies etc on the basis of the provision of two boring machines, power and one handmachine, per district at the end of a 5 year period

Areas selected for application —Whole Province

Other Departments to be consulted —

(a) Revenue Department in regard to receipt of applications from cultivators id for assistance in recoveries of dues for such work

(b) Co operative Department in regard to possibility of organisation of co erative societies, to facilitate concentration of boring work in various areas id to encourage the use of power plants for agricultural purposes on a co operative isis where conditions may be favourable for such development

(c) Military Departments in regard to staff requirement etc, recruitment of military personnel suitable for employment with or without preliminary aining as boring operators

Upper staff for planning and/or execution of the scheme —

—	1st year	2nd year	3rd year	4th year	5th year	Total
Class II—B A S	1					1
Senior Technical staff—						
) Boaring Assistants (100—5—200)	2	2	1	1		6

Lower staff for planning and/or execution of the scheme —

—	1st year	2nd year	3rd year	4th year	5th year	Total
Boring operators (60—4—100)	16	13	9	4		42
Boring mates	7	7	5	2		21
Clerical and Office staff—						
) Senior clerk	2					2
) Junior clerk	3	2	1	1		7
) Peons	4	3	1	1		9
Miscellaneous —						
) Blacksmith (60—4—100)	1					1
) *Hammerman (30—1—50)*	*1*					*1*
) Carpenter (60—4—100)	1					1

How the staff to be obtained By promotion within the existing cadres under Agricultural Engineer in some cases and the rest by direct recruitment Many ts will be suitable for ex soldiers from technical units on the cessation of hostilities

Rough estimates of cost at existing rates for each year of the first Five Year Plan —

—	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
Capital	60 000	50 000	25 000	20 000		1,55 000
Recurring	58 000	1 08 000	1 41 000	1 60 000	1 63 000	6 30 000
Total	1 18 000	1 58 000	1 66 000	1 80 000	1 63 000	7 85 000

10 *To what extent the scheme is productive and/or cost recoverable*—A pr p... of the cost is recoverable dependent upon the char es levied by Government a very rough estimate the recoveries may be put down at 20 per cent of r cur expenditure

11 *Nature of materials, machinery, etc needed from*—

(*a*) *Abroad*—Boring accessories and spares for Calyx machines w... equipment

(*b*) *Locally*—Musto Patent Boring machines and other boring equ... workshop tools, office furniture and equipment etc

12 *Any other remarks or information*—Nil

SCHEME No 25.

Department —Agricultural

Scheme —Research work in urgent problems connected with Agricultural meering

Brief description of the scheme —Improvement of agricultural implements

Areas selected for application —The work will be confined to the headquarters ie Agricultural Engineer to Government, but the effects, results, etc , of the work be valuable over the whole Province

Other Departments concerned —Nil

Upper staff for planning and or execution of the scheme —One class II B A S

Lower staff for planning and or execution of the scheme—

A—(a) Senior Mechanic (Rs 90—1—130)

(b) Junior Mechanic (Rs 30—2—60)

B—(a) Junior clerk

(b) Peons

How staff to be obtained —Some by promotion within the existing cadres under Agricultural Engineer and the rest by direct recruitment Some of the released diers who are technically trained may be useful for the above works

Rough estimates of cost at existing rates for each year of the First Five Year m—

——	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	6 500					6 500
(b) Recurring	6 500	6 700	6 900	7 100	7 300	34 500
Total	13 000	6 700	6 900	7 100	7 300	41 000

10 *To what extent is the scheme productive and or cost recoverable* —The scheme not directly productive and the cost is not recoverable

11 Nature of material machinery etc needed from—

(a) *Abroad* —Welding apparatus and dynamo meter

(b) *Locally* —Foundry shed and foundry equipment

12 *Any other remarks or information* —The scheme has been approved in principle id the Director has been asked to furnish particulars regarding the expenditure volved and the number of existing posts (technical clerical and inferior) at the adquarters of the Agricultural Engineer to Government

SCHEME No 26.

1 *Department* —Revenue

2 *Scheme* —Extension of the Bombay Agricultural Debtors Relief Act 19

3 *Brief description of the scheme* —The Act is at present in operatio talukas and petas in the Broach and Panch Mahals Surat, Thana, West Kh Poona, Sholapur Bijapur and Dharwar districts It is proposed to extend it whole Province in stages As a first stage of extension it is propos l to tr into force in 76 talukas and petas This will be done in the current year

4 *Areas selected for application* —

5 *Other Departments concerned* —Home Finance and Cooperative

6 *Upper staff for planning and/or execution of the scheme* —1 Special Of supervise the working of the Debt Adjustment Boards

About 120 Chairmen of Debt Adjustment Boards

7 *Lower staff for planning and/or execution of the scheme* —About 120 Clerks, 480 Junior Clerks, 240 Bailiffs 240 peons and 120 watchmen

8 *How staff to be obtained* —The Special Officer will be recruited by nomin The Chairmen of the Boards will be selected from practising pleaders throu Public Service Commission

The lower staff will be selected by deputation from the Judicial Departmen from the ranks of Defence Forces

9 *Rough estimates of cost at existing rates for each year of the First Fi e Plan* —

	1st year	2nd year	3rd year	4th year	5th year	Tot
	Rs	Rs	Rs	Rs	Rs	R
(a) Capital	17 00					17
(b) Recurring	3 11 388	3 11 388	3 28 932	3 36 67-	3 53 216	16 41
Total	3 28 588	3 11 388	3 28 93?	3 36 672	3 53 216	16 58

The cost shown is for the Special Officer for Supervision and for 43 Debt Adjustment Boards Government has decided to establish in the current year When the Act is extended throu the Province the cost will approximately increase by 250 per cent

10 *To what extent is the scheme productive and/or cost recoverable* — productive Cost not recoverable

11 *Nature of material, machinery, etc , needed from*—

(a) abroad —*Nil*

(b) locally —*Nil*

12 *Any other remarks or information* —

SCHEME No 27.

Department —Co operative

Scheme —Cooperative organisations for financing areas where Debt Relief has been introduced

Brief description of the scheme —With the extension of the Bombay icultural Debtors Relief Act to the greater part of the Province the question ut the agency which will supply crop finance to the agriculturists will come to the front It has been tentatively agreed by Government that this finance should provided through the cooperative societies and that for this purpose more perative credit societies should be organised and the membership of the existing ieties increased

t is also proposed to organise cooperative sale societies with a view to link up lit for crop finance with marketing of agricultural produce

Vith a view to enable the societies to make finance available to agriculturists at ate not exceeding 6¼ per cent it is proposed that Government should bear the ire cost on account of supervision with a view to relieve cooperative societies of incidence of supervision fees and Central Banks of their contribution towards scheme of supervision The annual contribution on this account works out ighly at Rs 1 45 000 Accordingly the total cost for five years would amount Rs 7,25 000

4 *Areas selected for application* —Whole of the Province

5 *Other Departments to be consulted* —Revenue Department

6 *Upper staff for planning and execution of the scheme* }
7 *Lower staff for planning and execution of the scheme* } The details of the saff both upper and lower has not yet been settled

8 *How staff to be obtained* —Promotion and recruitment from outside

9 *Rough estimates of cost at existing rates for each year of the first five year an*—

(a) *Capital* }
(b) *Recurring* } It is not possible to furnish the estimates of the cost involved in the scheme as the details of the staff required for its execution have yet to be settled

10 *To what extent is the scheme productive and/or cost recoverable* — [on productive

11 *Nature of materials machinery etc , needed from*—

(a) *abroad* }
(b) *locally* } Nil

12 *Any other remarks or information* —

SCHEME No 28

1 *Department* —Civil Veterinary

2 *Scheme* —Assumption of full control of Veterinary Dispensar[illegible] Government

3 *Brief description of scheme* —At present District Local Boards ma[illegible] Veterinary Dispensaries with financial assistance from Government This a[illegible] includes grants in aid and free services of Veterinary Officers Mainten[illegible] Veterinary Dispensaries is not an obligatory function of local bodies and ex[illegible] depends on the financial position and other local factors This is hol[illegible] progress and this can only be overcome if Government assumes full control

4 *Areas selected for application* —Province as a whole

5 *Other Departments to be consulted* —

6 *Upper staff for planning and/or execution of scheme* —

7 *Lower staff for planning and/or execution of scheme* —

8 *How staff to be obtained* —

9 *Rough estimate of cost at existing rates for each year of the first fi[illegible] plan* —

—	1st year	2nd year	3rd year	4th year	5th year	To[illegible]
	Rs	Rs	Rs	Rs	Rs	R[illegible]
(a) Capital				Nil		
(b) Recurring	1 43 000	1 51 000	1 59 000	1 67 000	1 75 000	7 95[illegible]
Total	1 43 000	1 51 000	1 59 000	1 67 000	1 75 000	7 95[illegible]

10 *To what extent is the scheme productive and/or cost recoverable* —[illegible] productive

11 *Nature of materials machinery etc needed from* —

(a) *Abroad*—

(b) *Locally*—

12 *Any other remarks or information* —The details of this scheme have yet been finally approved by Government

SCHEME No 29.

1. *Department* —Civil Veterinary

2. *Scheme* —Expansion of Supervising staff

3 [illegible]
pen [illegible]
t be [illegible]
d the Assistant Director and 3 Divisional Veterinary Officers to control and pervise the dispensaries and the work of Veterinary Assistant Surgeons It is, erefore, proposed to increase the supervisionary staff by three officers of Class of the Bombay Veterinary Service and 7 officers of Class II of that service

4 *Areas selected for application* —

5 *Other Departments concerned* —

6 *Upper staff for planning and/or execution of the scheme* —

3 Officers of Class I of the Bombay Veterinary Service

7 Officers of Class II of the Bombay Veterinary Service

7 *Lower staff for planning and/or execution of the scheme* —

3 Head Clerks on Rs 90—5—105

3 Clerks on Rs 60—5/2—75

23 Clerks on Rs 25—5/2—55

33 Peons on Rs 14 per mensem each

8 *How staff to be obtained* —By direct recruitment for Class I and by direct cruitment and promotion for Class I Clerical staff by promotion and recruitment new hands

9 *Rough estimates of cost at existing rates for each year of the First Five Year* *in* —

——	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
) Capital	3 000	1 000	1 000	1 500		6 500
) Recurring	32 672	43 460	56 548	74,796	78 644	2 86,120
Total	35 672	44 460	57 548	76 296	78 644	2 92,620

10 *To what extent is the scheme production and/or cost recoverable* —Non roductive Cost not recoverable

11 *Nature of material, machinery etc needed from* —

(a) *Abroad*—Nil

(b) *Locally*—

12 *Any other remarks or information* —

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SCHEME No. 30

1 *Department* —Civil Veterinary

2 *Scheme* —Expansion of Investigation staff and establishment of An[illegible] Husbandry Research Station

3 *Brief description of scheme* —Investigation staff now consists of one D[illegible] Investigation Officer and one Assistant Disease Investigation Officer for Po[illegible] and is subsidised by the Imperial Council of Agricultural Research One As[illegible] Disease Investigation Officer has been asked for Sheep and goat diseases and [illegible] proposed to have one more for cattle diseases, one Nutrition Officer and one Genet[illegible] The staff would be based on the proposed research stations which would al[illegible] for the training of students in animal husbandry

4 *Areas selected for application* —Province as a whole

5 *Other Departments to be consulted* —

6 *Upper staff for planning and/or execution of scheme* —3 Class I Officers

7 *Lower staff for planning and/or execution of scheme* —Laboratory Assista[illegible] Field Assistants clerks and peons

8 *How staff to be obtained* —By direct recruitment as available

9 *Rough estimate of cost at existing rates for each year of the first five year pla[illegible]*

—	1st year	2nd year	3rd year	4th year	5th year	Tota[illegible]
	Rs	Rs.	Rs	Rs	Rs	Rs
(a) Capital	1 50 000					1 50 0[illegible]
(b) Recurring	42 772	44 092	46 972	48 112	49 912	2 31 [illegible]
Total	1 92 772	44 092	46 972	48 112	49 912	3 81 [illegible]

10 *To what extent is the scheme productive and/or cost recoverable* —N[illegible] productive Cost not recoverable

11 *Nature of materials machinery etc , needed from* —

(a) *Abroad*—Apparatus and equipment

(b) *Locally*—Apparatus and equipment

12 *Any other remarks or information* —One of the three posts in Class I n[illegible] be filled by the conversion of the existing post of Disease Investigation Officer Rs 350—25—600 into a post in that class

SCHEME No 31

1 *Department* —Civil Veterinary

2 *Scheme* —Manufacture of Sera and Vaccines in the Province

3 *Brief description of scheme* —Combined with introduction of legislation for control of contagious diseases of animals this is essential in order to obtain fresh sera and vaccines in the shortest possible time Delays in receipts of sera and vaccines and early issue could be avoided if we manufacture our own

4 *Areas selected for application* —Province as a whole

5 *Other Departments to be consulted* —

6 *Upper staff for planning and/or execution of scheme* —

1 Class I officer (Pay Rs 300—20—420—E B —30—660—E B —40—900)

7 *Lower staff for planning and/or execution of scheme* —

5 Veterinary Assistant Surgeons

3 Clerks

2 Laboratory Assistants

5 Laboratory Attendants

8 *How staff to be obtained* —By promotion for upper staff and by training at the Bombay Veterinary College

9 *Rough estimate of cost at existing rates for each year of the first five year plan* —

——	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	2 50 000					2 50 000
(b) Recurring	51 520	52 180	52 900	53 440	54 [illegible]	2 64 200
Total	3 01 520	52 180	52 900	53 440	54 [illegible]	5 14 200

10 *To what extent is the scheme productive and/or recoverable* —Not productive cost not recoverable

11 *Nature of materials, machinery, etc , needed from* —

(a) *Abroad*—Apparatus and equipment

(b) *Locally*—Apparatus and equipment

12 *Any other remarks or information* —

SCHEME No 32

1 *Department* —Medical

2 *Scheme* —Establishment of a Medical College at Poona

3 *Brief description of the scheme* —In order to improve the standard of med education and to make registrable only one allopathic qualification which wo a University Degree, viz M B B S, it is proposed to convert the B J Med School at Poona into a Medical College

4 *Areas selected for application* —All areas of the Province

5 *Other Departments concerned* —

6 *Upper Staff for planning and/or execution of the scheme*—

Teaching Staff

7 *Professors*

6 Full time B M S Class I Officers

1 Part time Officer on Rs 100 per mensem

14 *Lecturers*

6 Full time B M S Class II Officers

5 Part time Officers on Rs 100 per mensem

3 On lecture basis

5 *First Assistants*

2 For Medicine
2 For Surgery
1 For Midwifery } Each at Rs 250 per mensem

8 Demonstrators at Rs 150 per mensem

1 Clinical Assistant on Rs 50 per mensem

5 House Surgeons on Rs 50

2 House Physicians on Rs 50 per mensem

1 Resident Anaesthetist on Rs 75 per mensem

Other Staff

1 Head Clerk and Accountant on Rs 130—5—175

3 *Clerks*

1 in the grade of Rs 80—5/2—95

2 in the grade of Rs 25—5/2—55

1 Artist on Rs 48 per mensem

4 Laboratory Assistants on Rs 60 per mensem

1 Physical Instructor on Rs 15—5—115—5—145—6—175

7 *Lower Staff for planning and/or execution of the scheme* —18 Inferior servants on Rs 15 each

8. *How staff to be obtained.—*

9 *Rough estimate of cost at existing rates for each year of the first Five-Year Plan—*

——	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	*3,99,600					3,99,600
(b) Recurring	† 80,774	80,774	80,774	80,774	80,774	4,03,870
Total	4,80,374	80,774	80,774	80,774	80,774	8,03,470

	Rs
* (i) Buildings for the College	2,62,600
(ii) Building for the Teaching staff	1,00,000
(iii) Equipment	37,000

†This figure represents net additional annual recurring expenditure on the proposed college arrived at as follows :—Rs 1,74,282 (staff and contingencies)—Rs 50,000 (fees)—Rs 43,508 (present expenditure on the school)

10 *To what extent is the scheme productive and/or cost recoverable*—The receipts from fees are estimated to be Rs 50,000 per annum. The amount has been taken into account in working out the net additional recurring expenditure

11. *Nature of material, machinery, etc, needed from—*

(a) *abroad.—*

(b) *locally.—*

12. *Any other remarks or information —*

SCHEME No. 33.

1. *Department* —Medical

2 *Scheme* —Establishment of a Medical College at Ahmedabad

3 *Brief description of the scheme* —In order to improve the standard of medical education and to make registrable only one allopathic qualification which would be a University degree, viz, M B B S, it is proposed to convert the B J Medical School at Ahmedabad into a Medical College

4 *Areas selected for application* —All areas in the Province

5 *Other Departments concerned* —

6 *Upper staff for planning and/or execution of the scheme* —

Teaching staff

7 *Professors*—
(6 full time Bombay Medical Service Class I Officers on Rs. 350—25—400—30—550—E B —585—35—760—E B —805—45—850)

1 Part time officer on Rs 100 per mensem

14 *Lecturers*—

6 full time Bombay Medical Service Class II Officers on Rs 200—40/2—240—E B —40/3—320—E B —40/3—400

5 Part time officers on Rs 100 per mensem

3 on lecture basis

5 *First Assistants* —

2 for Surgery
2 for Medicine
1 for Midwifery
each on Rs 250 per mensem

12 Demonstrators on Rs 150 per mensem
1 Clinical Assistant on Rs 50 per mensem
8 House Surgeons on Rs 50 per mensem
3 House Physicians on Rs 50 per mensem
1 Resident Anæsthetist on Rs 75 per mensem

Other staff

1 Head clerk and Accountant on Rs 130—5—175
4 *Clerks*—
1 in the grade of Rs 80—5/2—95
3 in the grade of Rs 25—5/2—55
1 Artist on Rs 35—60 per mensem
5 Laboratory Assistants (exact details of pay are being worked out)
1 Physical Instructor—Rs 45—5—115—5—145—6—175

7 *Lower staff for planning and/or execution of the scheme* —
20 Inferior servants (exact details of pay are being worked out)

8 *How staff to be obtained* —The teaching staff will be recruited by inviting applications through advertisement the discharged army personnel if found

SCHEME No. 35.

1 *Department* —Medical

2 *Scheme* —Increase in the number of beds at the District Headquarter hospitals

3 *Brief description of the scheme* —In order to improve District Headquarter hospitals so that people in the Districts may be able to get all ordinary treatment near their homes and pressure on certain big hospitals at Poona and Bombay may ease, it is proposed to increase the number of beds in six hospitals in "concentrated areas" and in eight hospitals in other parts of the Province so that each hospital would have a minimum of 75 beds

4. *Areas selected for application* —All Parts of the Province *including the concentrated areas*

5 *Other Departments concerned* —

6 *Upper staff for planning and/or execution of the scheme* —The details of staff are being fixed

7 *Lower staff for planning and/or execution of the scheme* —The details of staff are being fixed

8 *How staff to be obtained* —To be recruited by advertisement preference being given to those who have served in the Military Department

9 *Rough estimate of cost at existing rates for each year of the first five year plan*—

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs.	Rs
(i) Capital	*8,52,500					†8,52,500
(ii) Recurring	1,47,164	1 47,164	1 47,164	1,47,164	1,47,164	†7,35,820
Total	9,99 664	1 47,164	1,47,164	1,47,164	1,47,164	15,88,320

*For extension of buildings and equipment

†These figures represent non recurring and recurring expenditure required for the extension of six hospitals in concentrated areas only which is to be done during the first five years of the Programme

10 *To what extent is the scheme productive and/or cost recoverable* —

11 *Nature of material, machinery, etc , needed from*—

(a) *Abroad* —

(b) *Locally* —Hospital equipment will be obtained from Military hospitals after the war as far as possible

12 *Any other remarks or information* —Part II of this scheme regarding the extension of 8 District Headquarter hospitals in "other Parts of the Province other ... put into execution during the 2nd period of ... Programme For this part non recurring and recurring expenditure at Rs 1,87,707

SCHEME No 34

1 *Department* —Medical

2 *Scheme* —Appointment of medical practitioners of higher qualif… District Headquarter Hospitals

3 *Brief description of the scheme* —With a view to providing greater facil… medical treatment to the public at the District Headquarter Hospitals in mofussil it is proposed to appoint medical practitioners of higher qualificatio… these hospitals in an honorary capacity The medical practitioners will be app… as Honorary Surgeons or Physicians on a part time basis on an honorariu… Rs 150 per mensem It is expected that the honorarium proposed will … medical practitioners of higher qualifications to settle in mofussil towns … services will be particularly needed when the Civil Surgeon is away on to… on short leave

4 *Areas selected for application* — All areas in the mofussil

5 *Other Departments concerned* —

6 *Upper staff for planning and/or execution of the scheme* —

15 Honorary Physicians on Rs 150 per mensem each

15 Honorary Surgeons on an honorarium of Rs 150 per mensem each

7 *Lower staff for planning and/or execution of the scheme* —

8 *How staff to be obtained* —The personnel required for the scheme is recruited from the medical profession by advertisement preference being giv… demobilised persons with approved war service

9 *Rough estimate of cost at existing rates for each year of the First Five Plan* —

——	1st year	2nd year	3rd year	4th year	5th year	Tota…
	Rs	Rs	Rs	Rs	Rs	R…
(a) Capital						
(b) Recurring	*54 000	54 000	54 000	54 000	54 000	2 70 0…
Total	54 000	54 000	54 000	54 000	54 000	2 70 0…

*15 Honorary Physicians on an honorarium of Rs 150 per mensem each
15 Honorary Surgeons on an honorarium of Rs 150 per mensem each

10 *To what extent is the scheme productive and/or cost recoverable* —

11 *Nature of material machinery, etc, needed from*—

(a) *Abroad* —

(b) *Locally* —

12 *Any other remarks or information* —The scheme is to be put into execut… during the first five years of the fifteen years of the Post War Reconstructio… Programme

SCHEME No. 35.

1 *Department* —Medical

2 *Scheme* —Increase in the number of beds at the District Headquarter Hospitals

3 *Brief description of the scheme* —In order to improve District Headquarter Hospitals so that people in the Districts may be able to get all ordinary treatment near their homes and pressure on certain big hospitals at Poona and Bombay may ease, it is proposed to increase the number of beds in six hospitals in "concentrated areas" and in eight hospitals in other parts of the Province so that each hospital should have a minimum of 75 beds

4 *Areas selected for application* —All Parts of the Province *including the concentrated areas*

5 *Other Departments concerned* —

6 *Upper staff for planning and/or execution of the scheme* —The details of staff are being fixed

7 *Lower staff for planning and/or execution of the scheme* —The details of staff are being fixed

8 *How staff to be obtained* —To be recruited by advertisement preference being given to those who have served in the Military Department

9 *Rough estimate of cost at existing rates for each year of the first five year plan*—

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	*8,52 500					†8 52,500
(b) Recurring	1,47,164	1 47,164	1 47,164	1 47,164	1,47,164	†7,35 820
Total	9,99,664	1 47,164	1,47,164	1,47,164	1 47,164	15,88,320

*For extension of buildings and equipment

†These figures represent non recurring and recurring expenditure required for the extension of six tals in concentrated areas only which is to be done during the first five years of the Programme

10 *To what extent is the scheme productive and/or cost recoverable* —

11 *Nature of material, machinery, etc, needed from*—

(a) *Abroad* —

(b) *Locally* —Hospital equipment will be obtain d from Military hospitals after the war as far as possible

12 *Any other remarks or information* —Part II of this scheme regarding the extension of 8 District Headquarter hospitals in "other Parts of the Province other than the concentrated areas" is to be put into execution during the 2nd period of five years of the Post-war Reconstruction Programme For this part non recurring expenditure is estimated at Rs 7,64,000 and recurring expenditure at Rs 1,87,707

SCHEME No 26

1 *Department*—Medical

2 *Scheme*—Creation of a cadre of Technicians for X ray and laboratory

3 *Brief description of the scheme*—At present Laboratory and X ray work Government Hospitals and other institutions is done by untrained persons In United Kingdom this work is done by trained technicians It is proposed to a cadre of 100 such Technicians—70 Laboratory and 30 X ray Techn Graduates in Science will be selected for this purpose and given training at Government expense A stipend of Rs 50 will be given to the candidates dur period of training which will extend to 9 months

4 *Areas selected for application*—All areas

5 *Other Departments concerned*—

6 *Upper staff for planning and/or execution of the scheme*—Honorary Radiologist on Rs 85 per month for a period of 9 months

11 Head Technicians on Rs 120—8—200

89 Technicians on Rs 75—5—120

100 Science graduates will be given a stipend of Rs. 50 per mensem during the period of training

7 *Lower staff for planning and/or execution of the scheme*—

8 *How staff to be obtained*—To be recruited by advertisement preference given to those who have served in the Military Department

9 *Rough estimate of cost at existing rates for each year of the First Fiv Plan*—

—	1st year	2nd year	3rd year	4th year	5th year	To
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	*33 000	20 000†	10 000‡	10 000§	Nil	73
(b) Recurring	16 815	2? 423	25 128	29 9-3	33 025	1-7
Total						2 00

*For Short-wave Therapy apparatus (Rs 5 000) *plus* 2 X ray sets (Rs 10 000) *plus* laboratory ment (Rs. 18,000)

†For 2 X ray sets (Rs 10 000) *plus* laboratory equipment (Rs 10 000)

‡For one X ray set (Rs 5 000) *plus* laboratory equipment (Rs 5 000)

§For one X ray set (Rs 5 000) *plus* laboratory equipment (Rs 5 000)

**This is intended for expenditure on account of training pay allowances etc of 10 technicians and 66 technicians.

10 *To what extent is the scheme productive and/or cost recoverable*—

11 *Nature of material machinery, etc needed from*

(a) *abroad—*

(b) *locally—*

12 *Any other remarks or information* —Laboratory Technicians will be trained the Haffkine Institute, Bombay, and X ray Technicians at the J J Hospital, mbay The stipendiary students will be required to sign a bond to serve Governnt for a period of at least five years after training or else to refund to Government sum of Rs 600 on account of tuition fees and stipend received

24 more technicians will be trained during the first and second years of the second riod of five years of the Post war Reconstruction Programme

SCHEME No 37.

1 *Department* —Medical

2 *Scheme* —Ambulance Service to Central Hospitals

3 *Brief description of the scheme* —As a measure of rural medical rel i
proposed to place at the disposal of each District Headquarter Ho p
Ambulance car for bringing serious cases from the interior of the District to th
Hospital There are 18 Headquarter Hospitals and 18 Ambulance cars are p
to be provided

4 *Areas selected for application* — All areas in the mofussil

5 *Other Departments concerned* —

6 *Upper staff for planning and/or execution of the scheme* —

7 *Lower staff for execution of the scheme* —18 drivers at Rs 40 per mense
plus free quarters

8 *How staff to be obtained* —The drivers required for the cars are to be r
from demobilised personnel

9 *Rough estimate of costs at existing rates for each year of the First Fi
Plan* —

	1st year	2nd year	3rd year	4th year	5th year	
	Rs	Rs	Rs	Rs	Rs	
(a) Capital	*1 7,500					1
(b) Recurring	†26 640	26 640	26 640	26 640	26 640	1
Total	1 54 140	26 640	26 640	26 640	26 640	2

*18 Ambulances at Rs 5 000 each and 15 garages at Rs 2 500 each

†18 drivers at Rs 40 per mensem each plus free quarters Petrol upkeep etc at th
Rs 1 000 per car

10 *To what extent is the scheme productive and/or cost recoverable* —

11 *Nature of material, machinery etc, needed from*—

(a) *Abroad* —

(b) *Locally* —The Ambulance cars are to be obtained from the Army
the war

12 *Any other remarks or information* —The Ambulance cars as well as the
are to be obtained from the Army Department through the Governm
n dia

SCHEME No. 38.

Department —Medical

Scheme —Conversion of dispensaries into cottage hospitals

Brief description of the scheme —With a view to improving the medical facilities ral areas, it is proposed to convert 33 dispensaries into cottage hospitals so that the existing five such cottage hospitals there will be at least two cottage hospitals ch of the 19 districts of the Province These cottage hospitals will provide ordinating link between subsidised Medical Practitioners on one hand and the ict Headquarter Hospitals at the other 17 cottage hospitals are to be opened irts of the Province other than the concentrated areas—4 in the first year, 4 in econd year and 3 in each of the three subsequent years of the first period of years of the Fifteen Years Post war Reconstruction Programme

Areas selected for application —All areas of the Province other than the entrated areas

Other Departments concerned —

Upper staff for planning and/or execution of the scheme —17 Bombay Medical ice Class II Officers on Rs 200—40/3—400 (Probationers Rs 150 for the year and Rs 180 for the second year) plus H R A at Rs 25 per mensem

17 Subordinate Medical Service Officers on Rs 60—5—170 (Probationers Rs 50).

34 Nurses in the scale of Rs 30—3—39 plus Rs 15 per mensem ration owance and Rs 2 8 0 per mensem uniform allowance

34 Compounders on Rs 25—5/2 –70

Lower staff for planning and/or execution of the scheme —

68 ward servants on Rs 15 per mensem each

34 sweepers on Rs 15 per mensem each

17 cooks on Rs 15 per mensem each

How staff to be obtained —To be recruited from outside sources by advertis- t, preference being given to those who have served in the Military Department.

Rough estimate of cost at existing rates for each year of the First Five Year Plan —

——	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
apital	4 20 000	4 20 000	3,15 000	3,15 000	3 15 000	17,85 000
ecurring	31 600	63,200	86 900	1 10 600	1 34 300	*4 26,600
Total	4,51 600	4,83 200	4,01 900	4 25 600	4,49,300	22,11,600

r each cottage hospital buildings are estimated to cost Rs 1 00 000 and equipment at Rs 5 000 s is exclusive of the expenditure incurred on dispensaries at present *vide* remark made below

0 *To what extent is the scheme productive and/or cost recoverable* —

1 *Nature of material, machinery etc needed from*—

(*a*) *Abroad* —

(*b*) *Locally* —The hospital equipment will be obtained as far as possible from military hospitals after the War

2 *Any other remarks or information* —The dispensaries of local bodies are to be cted for conversion into cottage hospitals but these cottage hospitals will be ly controlled by Government and for that purpose an amount equal to the nditure incurred at present on the dispensaries concerned by the local bodies be recovered from them

SCHEME No 39.

1 *Department* —Medical

2 *Scheme* —Subsidised Medical Practitioners

3 *Brief description of the scheme* —In order to improve the medical [illegible] in rural areas Government has already sanctioned the opening of 330 sub[illegible] Medical Practitioners' Centres The system has worked so well that it is pr[illegible] to open 53 such centres in the parts of the Province other than concentrated (37 Allopathic and 16 Ayurvedic and Unani) when more doctors become a[illegible] after the war

4 *Areas selected for application* — All parts of the Province other than c[illegible] trated areas

5 *Other Departments concerned* —

6 *Upper staff for planning and/or execution of the scheme* —Expen[illegible] per centre —

(A) *37 Allopathic Practitioners*—

(i) Honorarium	Rs 75 per mensem
(ii) Travelling allowance (fixed)	Rs 25 per mensem
(iii) Grant for Medicine and instruments	Rs 150 per annum
(iv) Contingencies	Rs 5 per mensem
(v) Rent for each dispensary	Rs 180 per annum

(B) *16 Ayurvedic and Unani Practitioners*—

(i) Honorarium	Rs 50 per mensem
(ii) Travelling allowance (fixed)	Rs 15 per mensem
(iii) Grant for Medicines	Rs. 250 per annum
(iv) Contingencies	Rs 5 per mensem
(v) Rent for each dispensary	Rs 180 per annum

7 *Lower staff for planning and/or execution of the scheme* —Nil

[illegible]nel required for
[illegible] who have serve

9 *Rough estimate of cost at existing rates for each year of the First Five Year Pla[illegible]*

	1st year	2nd year	3rd year	4th year	5th year	Tota[illegible]
	Rs.	Rs	Rs.	Rs	Rs.	Rs.
(a) Capital (b) Recurring	20 200	39 130	[illegible]6,170	73 210	89 950	
Total						*2 8[illegible]660

*Vide remarks made below

10 *To what extent is the scheme productive and/or cost recoverable* —

11 *Nature of material, machinery, etc., needed from* —

(a) *Abroad* —

(b) *Locally* —

Any other remarks or information —The scheme is to be carried out during econd period of five years of the Post War Reconstruction Programme as n below —

—	Allopathic	Ayurvedic and Unani
1st year	8	4
2nd year	8	3
3rd year	7	3
4th year	7	3
5th year	7	3

SCHEME No 40

1 *Department*—Medical

2 *Scheme*—Appointment of Nurse midwives

3 *Brief description of the scheme*—The need for trained nursing and ... assistance for midwifery cases especially in rural areas is universally reco... With a view to meet this need it is proposed to appoint 26 Nurse midwi... in rural areas The appointments are to be spread over a period of five y... follows —

1st year	6 Nurses
2nd year	5 Nurses
3rd year	5 Nurses
4th year	5 Nurses
5th year	5 Nurses

4 *Areas selected for application*—All areas of the Province other than concentrated areas

5 *Other Departments concerned*—

6 *Upper staff for planning and/or execution of the scheme*—26 Nurse mid... on a pay of Rs 40 *plus* house rent allowance of Rs 10 per mensem each

7 *Lower staff for planning and/or execution of the scheme*—

8 *How staff to be obtained*—To be recruited from outside sources after adve... ment, preference being given to those who have served in the Military Departm...

9 *Rough estimate of cost at existing rates for each year of the First Five-Year Pla...*

—	1st year	2nd year	3rd year	4th year	5th year	To...
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital						
(b) Recurring	3 600	6 600	9 600	12 600	15 600	48 00...
Total	3 600	6 600	9 600	12 600	15 600	48 0...

*Vide remarks below

10 *To what extent is the scheme productive and/or cost recoverable*—

11 *Nature of material machinery etc needed from*

(a) *abroad*—

(b) *locally*—

—The scheme is to be carried out ...ost war Reconstruction Programme as ... under the existing scheme are not yet be... filled owing to scarcity of nurses

SCHEME No. 41.

1 *Department* —Educational

2 *Scheme* —Strengthening of the Inspecting staff

3 *Brief description of the scheme* —It is proposed to create 85 (70 men's and 15 women's) additional posts of Assistant Deputy Educational Inspectors for the whole Province These posts will be in addition to the 105 posts which it is proposed to create under scheme No 92-A

4 *Areas selected for application* —Districts in the concentrated areas and other Districts

5 *Other Departments concerned* —Nil

6 *Upper staff for planning and/or execution of the scheme* —

For planning—Nil

For execution—(i) 70 trained graduates (men) in the scale of Rs 45—5—115—Efficiency Bar—5—145—Efficiency Bar—6—175 each.

(ii) 15 trained graduates (women) in the scale of Rs 85—5—115—Efficiency Bar—5—145—Efficiency Bar—6—175 each

7 *Lower staff for planning and/or execution of the scheme* —

For planning—Nil

For execution—75 peons on Rs 14 per mensem each

10 peons on Rs 17 per mensem each

8 *How staff to be obtained* —

Upper staff—By transfer from Government schools or recruitment

Lower staff—By recruitment as far as possible from returned soldiers

9 *Rough estimate of cost at existing rates for each year of the First Five-Year Plan* —

—	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	*Nil	*Nil	*Nil	*Nil	*Nil	*Nil
(b) Recurring	*Nil	*Nil	*Nil	*Nil	*Nil	*Nil
Total	*Nil	*Nil	*Nil	*Nil	*Nil	*Nil

*Please see item 12 below

10 *To what extent is the scheme productive and/or cost recoverable* —....

11 *Nature of material machinery etc needed from*—

(a) *Abroad*— ..

(b) *Locally*—Furniture costing Rs 8 500 is to be obtained locally.

12 *Any other remarks or information* —The existing inspecting staff is v inadequate in numbers to exercise efficient and effective supervision over p

schools in the Province At present an Assistant Deputy Educational In[illegible] to inspect about 75 schools He cannot effectively supervise such a large n[illegible] of schools with the result that the efficiency of the schools suffers It is the proposed to create 190 posts of Assistant Deputy Educational Inspectors (85 this scheme and 105 under scheme No 105), so as to bring the ratio of in[illegible] officers to schools from 1 75 to the ideal ratio of 1 50 This scheme is implemented after the completion of scheme No 105, that is to say from the year after the termination of war Figures of the cost of the scheme for the five years have not, therefore, been given The annual recurring cost of the sc[illegible] will be Rs 1 78 100

SCHEME No 42

Department —Educational Department (Industries)

Scheme —Development of the Victoria Jubilee Technical Institute, Matunga

Brief description of the scheme —It is proposed to establish Degree Courses extile Manufacture at the V J T Institute, Matunga

(a) *For Planning* —Nil

(b) *For Execution* —The following staff to be entertained by the Institute —

Staff	Scale of pay
1) One Reader in Spinning	500—700
2) One Reader in Weaving	500—700
3) One Senior Lecturer in Textile Physics	300—25—500
4) One Lecturer in Textile Chemistry	170—10—350
5) One Lecturer in Textile Engineering	170—10—350
6) One Lecturer in Spinning	170—10—350
(7) One Lecturer in Weaving	170—10—350
(8) One Lecturer in Textile design	170—10—350
(9) One Part time Lecturer in Economics	150 per mensem
10) One Part time Lecturer in German	50 per mensem
11) Two Instructors for Spinning and Weaving Laboratories	80—5—150
12) Six Operatives	40—2—50
13) Two Laboratory Attendants	50—5/2—75

How staff to be obtained —To be entertained by the Institute

Rough estimate of cost at existing rates for each year of the First Five Year Plan —

——		1st year	2nd year	3rd year	4th year	5th year	Total
		Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	Buildings	10 000					2,26 470
	Plants	2 16,470					
		2 26 470					
(b) Recurring		53 000	53 000	53 000	53 000	53 000	2 65 000
Total		2 79 470	53 000	53 000	53 000	53 000	4 91 470

0 *To what extent is the scheme productive and/or cost recoverable* —The scheme meant to provide adequate facilities for the training of technical men of Supering and Executive grade required by the Cotton Textile Industry

1 *Nature of material machinery, etc needed from*—

(a) *Abroad* —Nil

(b) *Locally* —Nil

2 *Any other remarks of information* —Orders according administrative approva the scheme are being issued The question of sanctioning grants not exceedin 1 00 000 and Rs 31 000 towards the non recurring and recurring expenditur the scheme to the V J T Institute will be considered by Government in du r o, at the time when the scheme is

SCHEME No. 43

1 *Department*—Factory Department.

2 *Scheme*—Research into industrial diseases and hazardous occupatio[ns]

3 *Brief description of scheme*—Although the certifying Surgeon ha[s been] devoting some attention to the question of industrial diseases and ha[zardous] occupations he has been unable to do much in this direction owing t[o the] absence of the necessary facilities A good deal of attention is paid to [research] in these subjects in England and other western countries and a beginning [should] be made as early as possible for setting up machinery for research i[n the] Province It is proposed that a Department of Industrial Medicine sho[uld be] set up at the J J Hospital and a suitable Medical Officer should be app[ointed] for research work and he should be provided with accommodation and ne[cessary] facilities and assistance for the research at the J J Hospital and the Ha[ffkine] Institute It would be necessary for the Medical Officer to be attached [to the] Factory Department for the purposes of his research He would have to [be in] close contact with the factories and it would be desirable to place the [Chief] Inspector of Factories in a position of control over the officer so that pr[oblems] which the Chief Inspector of Factories considers of particular importa[nce are] properly investigated The machinery can be gradually developed for [dealing] with problems of industrial fatigue and psychology

4 *Areas selected for application*—Bombay City in the first instance

5 *Other Departments concerned*—Surgeon General with the Governm[ent of] Bombay

6 *Upper staff for planning and/or execution of scheme*—Medical offic[er with] some research experience

7 *Lower staff for planning and/or execution of scheme*—A small staff w[ill be] required but it is difficult now to give an estimate of the staff that would be r[equired] as there is no previous experience on which to draw

8 *How staff to be obtained*—Unless the Army Medical Service is in a pos[ition to] supply a suitable officer the Medical Officer will have to be recruited lo[cally in] consultation with the Surgeon General The work which the officer will [have to] do will be of a specialised nature and it may be advisable to send the officer [abroad] to England or America for special training for a short period

9 *Rough estimate of cost at existing rates for five years*—It is proposed t[hat the] Medical Officer should be given the Bombay Medical Service (Class I) sca[le and a] compensatory allowance in lieu of private practice In the absence of p[revious] experience it would be difficult to give an idea of the cost of equipment, et[c., that] may be necessary but very roughly the total cost of the scheme in the fir[st year] may be put at Rs 15 000 to Rs 20 000 and for five years—Rs 1,00,000

10 *To what extent is the scheme productive and/or cost recoverable*—Nil

11 *Nature of materials machinery etc* [illegible] m (a) abroad, (b) lo[cally] [illegible] n the J J Hospital [illegible] [illegible] be found necessary [illegible] particular type of research It would be difficult, however, to give any [idea] about this at this stage

12 *Any other remarks or information*—The scheme has not yet been approved by Government

SCHEME No. 44

ORGANISATION OF MOTOR TRANSPORT.

ith the prospect of extensive road development and the release of large pers of motor vehicles and personnel from the military, it is expected that r transport will grow considerably in volume in the post war years It is osed to rationalise the organisation of motor transport in the years after the with a view to greater public convenience and co-ordination of road transport other communications

i attempt will be made to absorb in the transport services along with vehicles iany of the demobilised military personnel as possible

the interest of greater punctuality, dependability and public convenience, formation of larger units of operation in the passenger transport services will ncouraged in placed of single owner drivers or smaller units Efforts will be made to develop transport in neglected areas and to co ordinate motor sport with other means of communication so as to be mutually complementary elopment will to some extent be dependent on the development of the road em

s not possible to foresee what changes would be necessary in the administrative nisation of the Motor Vehicles Department to achieve these objects The usite measures for its expansion and adaptation to these purposes will be taken i time to time as may appear necessary

SCHEME No. 45

1 *Department* —Public Works Department

2 *Schemes* —Road Schemes

3 *Brief Description of Scheme* —Improvements of existing roads and cons
of new roads as under —

(1)	2 700	Miles	National Highways
(2)	5 600	,,	Provincial Highways
(3)	6 000		Major District Roads
(4)	10 000	,,	Minor District Roads
(5)	14 400		Village Roads
Total	38 700	Miles	

4 *Areas selected for application* —*Items* (1) *and* (2) above in the Province

Items (3) *and* (4) 50 per cent of the expenditure in the first five year per be in the concentrated area comprising 10 per cent of the whole Province per cent in the remaining area

Item (5) —75 per cent of the expenditure in the first 5 year period to be concentrated area and 25 per cent in the remaining area

5 *Other Departments to be consulted* —Revenue Department General Depar and Finance Department

6 Upper staff for planning and/or execution of the scheme
7 Lower staff for planning and/or execution of the scheme
8 How staff to be obtained

} *Vide* statement B attac

9 Rough estimates of costs at existing rates for each year of the First Year Plan—

	1st year Rs in lakhs	2nd year Rs in lakhs	3rd year Rs in lakhs	4th year Rs in lakhs	5th year Rs in lakhs	T R l
(a) Capital—	293	293	293	293	294	1 4
(b) Recurring—						
(i) Works (excluding normal expenditure on pre war basis)—	Nil	6	12	18	24	6
Total Rs in lakhs	293	299	305	311	318	1
(ii) Establishment—	3 6	6 7	8 4	12 7	27 4	58

10 *To what extent is the scheme productive and/or costs recoverable* —Not di productive and no cost recoverable

11 *Nature of materials, machinery etc, needed from—*

(a) Aboard
(b) Locally } *Vide* statement A attached

12 *Any other remarks or information* —The rough estimates of costs for each of the 2nd and the 3rd Five-Year periods are as under —

	2nd 5 year period	3rd 5 year period
	(In lakhs of Rupees)	
(a) Capital	1467	1467
(b) Recurring	210	360
Total	1677	1827

The details regarding cost and staff are only tentative and have not yet been nally approved by Government

n accordance with the recommendations contained in the Proceedings of the onference of Chief Engineers held at Nagpur and the instructions in the matter eceived from the Government of India the *Projects Estimates* for roads which are o be submitted to that Government by the 31st August 1944 are being prepared y the Project Organization (consisting of One Superintending Engineer and three Executive Engineers) created for the purpose The detailed estimates for work to e done in the first two years after the war are to be submitted to the Government f India by the 31st December 1944 The Government of India have still to issue inal orders in connection with several points, e g —

(i) Final selection of the roads to be developed as National Highways and Trails

(ii) Setting up of a Legal Committee

(iii) Formation of an Indian Road Board (Central)

(iv) Financing of road construction and maintenance, etc

STATEMENT A

Schemes Nos 15 and 115

Showing Machinery and Materials likely to be required for Post-War Road Schemes 36 and 99 in the Bombay Province

Machinery

1 *Road Rollers*—

Nos — Particulars

- 50 — 6 Ton Diesel Tandem Rollers
- 50 — 8 Ton Diesel Rollers
- 50 — 12 Ton Diesel Rollers
- 75 — 8 Ton Steam Road Rollers
- 75 — 12 Ton Steam Road Rollers

2 *Asphalt Boilers*

Nos

- 150 — Each of 350 gallons capacity

3 *Cement concrete mixers*—

Nos

- 75 — Of 7/10 capacity with Diesel Engines
- 25 — Of 14/20 capacity with Diesel Engines

4 *Stone crushers*—

Nos

- 25 — 24″ × 12″ size
- 15 — 16″ × 9″ size
- 10 — Granulators

5 *Oil Engines*—

Nos

- 50 — Each of 30 B H P
- 50 — Portable Oil Engines 10 B H P

6 *Pumps*

Nos

- 50 — Pumps 2″ suction to be worked by oil Engines

7 *Motor Lorries*

Nos

- 400 — 4 to 5 Ton Capacity

8 *Tractors and Graders*—

Nos

- 25 — Tractors with graders

Materials

		Quantity
1	Cement	50 lakh tons
2	Asphalt (30/40 Penetration)	3 ,, ,,
3	Asphalt (80/100 Penetration)	1 ,, ,,
4	Steel (for Bridges)	30 000 tons
5	G I Pipes 1″ to 2″ size	1,000,000 Rft

Note—The information given in the above statement is only a rough indication of the pro requirements of materials and machinery so far as can be foreseen at present, as it is not poss furnish full or more accurate information until a large number of detailed Road Project Esti are actually prepared This statement does not also take into account the materials available local resources

STATEMENT B.

Schemes Nos. 15 and 115—Roads (Establishment).

Establishment engaged on Roads.

Item.	No and designation.	Scale
		Rs.
Upper Staff for planning and execution.	One Chief Engineer (also responsible for Irrigation Buildings and Public Health Schemes).	2,750—125—3,000
	Three Superintending Engineers.	1,750—100—2,150
	Seventeen Executive Engineers.	440—40—1,000
	Sixty-six Deputy Engineers.	250—20—750
) *Lower Staff for planning and execution.*	Two hundred and sixty-six Overseers.	70—5—110—10—250
	Office Staff ..	As per units sanctioned in G. R. No. 6717/36 (1), dated 17th March 1944. Scales sanctioned in that Government Resolution for the various grades will be adopted.

3) *How Staff to be obtained* —

The technical staff will be obtained .—

(1) Partly by promotion from within the Department.

(2) Partly by recruitment from the market (through the P. S. C.) of men without War or Defence Force Services

(3) Partly by recruitment of men from the market or direct from the Defence Forces (through the P. S. C.) of men with War Service

The ratio between (2) and (3) will be fixed 50 50 for the time being

Notes —(1) Government has under consideration the question of increasing the rates of guaranteed

general.

3) No special measures of recruitment are necessary for the training of non technical services such clerks, d a'tsmen, etc , excepting the training of sub divisional clerks The question of ening training classes for sub-divisional clerks is also under the consideration of Government

	1st year	2nd year	3rd year	4th year	5th year
Rough estimate of cost at the existing rates for each year of the first live years plan—		(In lakhs of Rupees)			
Recurring	3 6	6 7	5 4	12 7	27 4

Notes —(1) The cost in the 3rd, 4th and 5th year excludes proportionate cost of one Chief Engineer bited to Irrigation, Buildings and Public Health Schemes

(2) The cost for the 1st and 2nd year excludes the proportionate cost of S E , P C. debited to the uildings and Irrigation Schemes

(3) The cost in the 3rd, 4th and 5th year is exclusive of the proportionate cost of one Superintending Engineer debited to the Buildings Scheme.

1 *D partment* —Public Works Department

2 *Scheme* —Electric Grid

at low rates and (3) to bring the
number of urban and rural populati
to interconnect the various existing electric power houses develop some n
stations (like Bhandandara and Bhatgar) both hydro and thermal Th
stations will also be interconnected with existing ones From amongst
ones those stations which are efficient will be retained as selected stations
which are inefficient will be shut down and power will be supplied to them fr
selected st   two statio
be tapped
A number
are too far from any one of the interconnecting transmission lines will be e
with Diesel Engine electric stations till the load is built up to justify their co
with one of the grid transmission lines When this happens the engine s
be moved to other towns for load building Surveys will be carried out
hydro development, e g Randha falls and Kalma h with a view to developm
as soon as circumstances justify their developme

4 *Area selected for application* —Gradually the whole Province

5 *Other Departments concerned* —General Department and Revenue Dep
concerning the Local Bodies and possible acquisition of land and way leave

6 *Upper staff for planning and/or execution of the scheme* —Ple
Enclosure (I)

7 *Lower staff for planning and/or execution of the scheme* —Ple
Enclosure (II)

8 *How staff to be obtained* —Gazetted staff through Public Service Com

Non gazetted staff by public advertisement and/or by selection by the
Officer from men already in Government Service

9 *Rough estimates of cost at existing rates for each year of the first*
plan —

(a) Capital
(b) Recurring } Please *see* statement attached Enclosure (I

10 *To what extent is the scheme productive and/or cost recoverable* —The
is expected to be self supporting in about 10 years time

11 *Nature of material, machinery, etc, needed from*—

(a) abroad
(b) locally } Please *see* statement attached, Enclosure

12 *Any oth r rema ks or informatio* —The details of cost and staff a
tentative and have not yet been finally approved by Government

ENCLOSURE I

Number	Designation of post	Scale of pay
		Rs
(1) One	One Senior Engineer	2,500—125—3,000
(2) One	Hydro Engineer	1,500—50—1,750—100—2,150
(3) One	Transmission Engineer	Do
(4) One	Diesel and Steam Engineer	Do
(5) One	Power Costing and Power Sales Engineer	Do
(6) One	Senior Assistant Engineer (Hydro)	540—40—700—50—1,200
(7) One	Senior Assistant Engineer (Transmission)	Do
(8) One	Senior Assistant Engineer (Diesel and Steam)	Do
(9) One	Senior Assistant Engineer (Power Costing and Power Sales)	Do
(10) One	Junior Assistant Engineer (Power Costing and Power Sales)	250—20—750

Note—This is the minimum establishment for planning Later on it is anticipated that considerable additional staff will be required for supervision of execution of the scheme and subsequent running and maintenance of the power houses and transmission and distribution system

ENCLOSURE II

Number	Designation of post	Scale of pay
		Rs
Five	Technical Assistants	70—5—110—10—[illegible] (Graduates to start Rs 120)
One	Head Draughtsman (Senior)	165—8—245
One	Draughtsman (Junior)	125—5/2—190
	Clerical	
One	Superintendent	275—20—375—[illegible]
Two	Senior Clerks	150—10—220
Five	Junior Clerks { Lower Grade	50—5/2—90
	Junior Clerks { Higher Grade	95—5—140

(The proportion between the lower grade and the higher grade should be 3 : 2)

One	Stenographer	150—5—250
Five	Steno typists	75—5/2—90—5—140
	Inferior Establishment	
One	Naik	27 per mensem
Two	Peons	25 per mensem each
Eleven	Peons	23 per mensem each
Two	Hamals	23 per mensem each

Note —This is the minimum establishment for planning. Later on it is anticipated that considerable additional staff will be necessary in connection with construction, running and maintenance of power houses, transmission and distribution systems.

ENCLOSURE III.

	First year	Second year	Third year	Fourth year.	Fifth year	Total
			Crores	Crores		Crores
	Rs	Rs	Rs	Rs		Rs
ital (including cost of iachinery plant and equip ient and its erection as ell as power house and ib station buildings)			1 60	2 40		4
urring—						
pecial Officer	48 000	48,000	48,000	48 000	48 000	
Gazetted Staff	1,30,920	1,36 980	1,43 040	1,49,100	1,55,160	
Non Gazetted staff	39,450	40,836	42,732	43,962	45,738	
Contribution towards contributory Provident Fund	10 212	10,676	11,173	11,628	12,118	
Allowances Honoraria including overseas pay	18 800	18,800	18 800	18 800	18 800	
Contingencies	7 100	7 100	7 100	7 100	7 100	
Total	2,54,512	2 62 392	2 70 845	2 78 590	2 86,916	
Estimated cost of additional establishment for planning and supervision of erection and maintenance work			2 22 845	2 30 590	2 38,916	
Grand Total	2,54,512	2 62 392	4 93 690	5 09 180	[illegible]	[illegible]

ENCLOSURE IV

List of Heavy Plant and Equipment likely to be required from abroad

Item	Description	Quantity required
1	*Generating Plant—* Hydro Electric Turbo Generator Sets 10 000 KW	3
2	*Transformers—* From 50 KVA to 12 000 KVA (33 and 110 KV)	[illegible]3
3	*Synchronous Condensers*	2
4	*Switchgears—*	
	(a) Oil Circuit Breakers	45
	(b) Disconnecting switches	149
	(c) Fuses	200
	(d) Lightning Arresters	44
5	Diesel Oil Engine Alternator Sets (50 to 150 KW each)	15 to 20

List of Equipment to be purchased in India

1	11 KV Transformers	22
2	11 KV and L T Oil Circuit Breakers	105
3	Do Switchgear	
4	Copper Wire	
5	Poles	
6	Insulators	
7	Miscellaneous small items	

SCHEME No. 47.

1 *Department* —Public Works Department

Scheme —Manufacture of Ammonia Sulphate

Brief description of the scheme —It is proposed to manufacture for the use of Province approximately 50 000 tons of Ammonia Sulphate per year The nical Mission (Fertilisers) from the United Kingdom are at present on a visit us Province and their tentative idea is that if a factory is established in this ince it will be desirable that its capacity should be much greater than the above e so that the factory can supply to this Province, Kathiawar and Sind in the h and Indian States within the geographical bounds of this Province and near The factory may therefore be easily of 100 000 tons per year capacity

Area selected for application —The whole matter is under investigation by the ion and it is too early to give any details regarding the factory or even to say her they will recommend establishment of a factory in this Province at all ey do, it is likely to be located in Kalyan

Other Departments concerned —Revenue Department

Upper staff for planning and/or execution of the scheme —Details are not lable until the report of the Committee is available It is expected, however at twelve Technical Officers will be required

Lower staff for planning and/or execution of the scheme —Details are not available il report of the Committee is available It is expected however about 40 abers of lower technical personnel 400 semi skilled and 400 unskilled men are ly to be required

How staff to be obtained —The higher staff (2 or 3 men) may possibly be cted and sent abroad for training The other personnel will be recruited lly

Rough estimates of cost at existing rates for each year of the first five year plan —

(a) *Capital* —If the factory is of the capacity of 50 000 tons the capital may e about one crore of rupees and the money is likely to be required commencing om about a year from now and ending about two years from now

(b) *Recurring* – It is not possible to give this information till the report of the nission is available

10 *To what extent is the scheme productive and/or cost recoverable* —Expected to self supporting in a few years

11 *Nature of material machinery etc needed from*—

(a) abroad (b) locally	The mission has visited a number of Engineering works in Bombay with a view to decide on the parts of machinery which can be made locally Exact information in this respect will be available when the mission submit their report to Government

12 *Any other remarks or information* —The details of this scheme have not yet been finally approved by Government

PARTICULAR AREA SCHEMES

M-1 Bk II 517—7

SCHEME No. 18.

1 *Department* Agriculture

2 *Scheme* —Application of groundnut cake manure to paddy, irrigated wheat and irrigated jowar crops

3 *Brief description of the Scheme* It is proposed to apply groundnut cake manure to paddy crop under tank and canal irrigation and in low lying areas of the rice tract and to irrigated wheat and irrigated jowar crops mostly in the Deccan.

The areas under rice, irrigated wheat and irrigated rabi jowar in Bombay Province are 20 lakhs, 1½ lakhs and about 3 lakhs acres respectively

The application of cake manure to these three crops at the rate of 1 ton to 5 acres is observed to have increased the yield on an average by about 30 per cent It is proposed to operate within a period of five years 2 to 4 lakhs paddy and 50 to 100 thousand acres of each of the two other crops

The price of groundnut cake will be controlled at Rs 70 per ton F O R nearest railway station to the Oil Mills The transport charges to the Depots by rail and/or by road is estimated at Rs 20 per ton The total price of groundnut cake manure at the distributing depots, therefore, is estimated at Rs 90 per ton

Government will give a subsidy on a sliding scale from Rs 30 in the first year to Rs 10 in the fifth year per ton and the cultivators will bear the remaining cost from Rs 60 in the first to Rs 80 in the fifth year per ton

The staff engaged in seed multiplication and distribution schemes will work for the distribution of cake manure but there will be a separate special staff for purchasing and transporting cake from the mills, to issue permits, to receive returns and to control the price of the cake frozen

The total expenditure to Government on subsidies and staff is estimated at Rs 84 lakhs and the additional income to the cultivators will be about rupees nine crores and fifteen lakhs during the period of five years for which the Scheme is proposed The following statement gives an idea of the areas and the quantity of manure to be applied to different crops in different years

Year	Paddy		Wheat		Irrigated Jowar		Total.	
	Acres	Tons	Acres	Tons	Acres	Tons	Acres	Tons
1st	200 000	40 000	50 000	10 000	50 000	10 000	300 000	60 000
2nd	250 000	50 000	60 000	12 000	60 000	12 000	370 000	74 000
3rd	300 000	60 000	70 000	14 000	70 000	14 000	440 000	88 000
4th	350 000	70 000	80 000	16 000	80 000	16 000	510 000	102 000
5th	400 000	80 000	100 000	20 000	100 000	20 000	600 000	120 000

4 *Areas selected for application* —Dharwar, Belgaum, Kanara, Ratnagiri, Thana Kolaba and Bombay Suburban for application to paddy crop and Deccan for irrigated wheat and irrigated Jowar

5 *Other Departments to be consulted* —

6 *Upper staff for planning and/or execution of the Scheme* —6 Agricultural Officers for five years

7 *Lower staff for planning and/or execution of the Scheme* —13 clerks, 5 kamgars and 12 peons for five years

8 *How staff is to be obtained* —By promotion and recruitment Returned soldiers can be appointed to posts of clerks, kamgars and peons after suitable training

9 *Rough estimate of cost at existing rates for each year of the first five year p[illegible]*

Items	Year				
	1st Rs	[illegible] Rs	3rd Rs	4th Rs	5th Rs
(a) Capital (Subsidy by the Government of Bombay and the Government of India)	18 00 000	18 [illegible]0 000	17 60 000	1[illegible] 30 000	1 [illegible]
(b) Recurring	5 260	4[illegible] 960	4[illegible] [illegible]0	48 300	[illegible]
Total	18 5 260	18 93 960	18 07 [illegible]60	15 [illegible]8 [illegible]00	1 [illegible]
Grand total	Rs 83 84 3 0				

10 *To what extent the Scheme is productive and/or recoverable* —The re[illegible] additional income to cultivators from different crops by working the Scheme [illegible] be as under —

Year	Area to be manured	Total additional yield at 3 maunds per acre	Value of additional yield
	Acres	Maunds	Rs
		Rice	
1st	200 000	600 000	96 00 000
2nd	250 000	750 000	1 [illegible]0 00 000
3rd	300 000	900 000	1 44 00 000
4th	350 000	1 0[illegible]0 000	1 68 00 000
5th	400 000	1 200 000	1 [illegible]2 00 000
	1 500 000	4 500 000	7 20 00 000
		Irrigated Wheat	
1st	50 000	150 000	18 00 000
2nd	60 000	180 000	21 60 000
3rd	70 000	210 000	2[illegible] 20 000
4th	80 000	240 000	28 80 000
5th	100 000	300 000	36 00 000
	360 000	1 080 000	1 29 60 000
		Irrigated Jowar	
1st	50 000	150 000	9 00 000
2nd	60 000	180 000	10 80 000
3rd	70 000	210 000	12 60 000
4th	80 000	240 000	14 40 000
5th	100 000	300 000	18 00 000
	360 000	1 080 000	64 80 000
Grand Total	2 2[illegible]0 000	6 660 000	9 14 40 000

11 *Nature of materials machinery etc needed from*—
(a) *abroad* —Typewriters
(b) *locally* —Office furniture equipments etc

12 *Any other remarks or information* —The details of the scheme have not yet been approved by Government

SCHEME No. 49.

1 *Department* — Agriculture

2 *Scheme* —Preparation of a mixture of ammonium phosphate, bonemeal and groundnut cake and its application to potato crop

3 *Brief description of the Scheme* —It is proposed to prepare a mixture of ammonium phosphate bonemeal and groundnut cake and apply the same to potato crop over the area of 5 000 rising to 9 000 acres in five years The mixture will be applied at the rate of 580 lbs per acre which amounts to 70 lbs Nitrogen and lbs phosphoric (P_2O_5) acid The cost comes to Rs 65 per acre A godown will be constructed and a mixing plant will be erected at *Khed*, which is the heart of potato growing tract and the mixture will be prepared on the spot for distribution to the cultivators at cost price There will be no loss to Government except the small cost of the staff to work the plant The following statement gives an idea of the areas and the quantities of the mixture to be prepared and distributed to the cultivators during the period of five years

Year	Area in acres	Quantity of mixture to be prepared and distributed in tons
1st	5,000	1,330
2nd	6,000	1,600
3rd	7,000	1,870
4th	8,000	2,140
5th	9,000	2,410

4 *Area selected for application* —Poona and Satara districts

5 *Other Departments to be consulted* —

6 *Upper staff for planning and/or execution of the Scheme* —One Senior Agricultural Officer

7 *Lower staff for planning and/or execution of the Scheme* —2 clerks, 4 kamgars and 2 peons

8 *How staff is to be obtained* —By promotion and recruitment Returned soldiers can be appointed as clerks, kamgars and peons after suitable training

9 *Rough estimates of cost at existing rates for each year of the first five-year plan* —

Items	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	
(a) Capital (Cost of building and plant)	40 000					
(b) Recurring	9 000	9 000	9 000	9 000	9 000	
Total	49 000	9 000	9,000	9 000	9 000	

Grand Total Rs 85 000

10 *To what extent is the Schem.* additional income to cultivators ... ... be as under —

Year	Area under potatoes to which the manure is applied in acres	Total additional yield in maunds	Value of the additional yield in rupees
			Rs
1st	5,000	125,000	8,75,000
2nd	6,000	150,000	10,50,000
3rd	7,000	175,000	12,25,000
4th	8,000	200,000	14 00,000
5th	9,000	225,000	15,75,000
		875,000	61,25,000

11 *Nature of materials, machinery, etc , needed from*—

(*a*) *abroad* —Typewriters.

(*b*) *locally* —Office furniture, equipments, etc.

12 *Any other remarks of information* —An amount of Rs 3 lakhs may be kept as Personal Ledger Account for purchase of different ingredients of manure at the disposal of the Deputy Director of Agriculture (Headquarters) Poona The details of the scheme have not yet been approved by Government

SCHEME No. 50.

1 *Department* —Agriculture

2 *Scheme* —Extension and organisation of vegetable and fruit cultivation in suitable areas and of the supply of such produce to consumers

3 *Brief description of the scheme* —Provides for the development of fruit and vegetable production in the Province by (a) the provision of the necessary specialized district staff (b) the establishment of district fruit and vegetable nurseries, (c) scientific research work in horticulture etc at two district sub stations, (d) experimentation and training in fruit preservation and fruit product manufacture, etc, etc

4 *Areas selected for application* —Whole of the Province particularly areas suitable for expansion of vegetable production

5 *Other Departments concerned—Revenue Department* —In regard to sites for research stations nurseries etc

Co-operative Department —In regard to the co operative organisation of fruit and vegetable producers and for the marketing of fruit and vegetables and their products

Industries Department —In regard to the organisation of the preservation of fruits and vegetables and the manufacture of fruit and vegetable products and their marketing

Military Department —In regard to suitable ex soldiers for training and staff appointments

6 *Upper staff for planning and/or execution of the scheme* —No distinction need be made between staff proposed for (a) preparation of plans and estimates and (b) execution of scheme The staff required for training purposes is all provided for in the 1st year of the Scheme

—	1st year	2nd year	3rd year	4th year	5th year	Total
(1) Class II B A S	1	2	1			4
(2) Agricultural Officers—						
(a) Grade I	4	3	3	1		11
(b) Grade II		4	3	2		9

7 *Lower staff for planning and/or execution of the scheme* —

—	1st year	2nd year	3rd year	4th year	5th year	Total
Agricultural Assistants—						
(a) Grade I	4	1	1			6
(b) Grade II		3	3	3		9
Malis	10	11	11	6		38
Laboratory Assistants		3	3			6
Clerical and Office staff—						
Senior clerks	1	2				3
Junior clerks	4	6	6			16
Peons	6	7	5	1		19

8. *How staff to be obtained* —Class II Bombay Agricultural Service posts · be filled by promotion from existing staff – the Agricultural Department · be provided from existing cad · will be recruited from perso trained at horticultural training centres run by the Department Malis will obtained from similar training centres –

9 *Rough estimate of cost at existing rates for each year of the Fif I year Plan* —

—	1st year	2nd year	3rd year	4th year	5th year	To
	Rs	Rs	Rs	Rs	Rs	Rs
Capital ..	1,00,000	1,00,000	42,000	. .	.	2 4. 0
Recurring	42,040	1,15,830	1,44,428	1,58,212	1 62,816	6 2 3.
	1,42,040	2,15,830	1,86,428	1,58,212	1,62 816	8 64 3.

10 scheme, appreci extensic preservation as a cottage industry, etc.

11 *Nature of materials, machinery, etc, needed from* —

(*a*) *Abroad*—Most of machinery equipment, etc, for preservation and cann laboratories will have to be imported Vegetable seeds, etc

(*b*) *Locally*—All other equipment, e g, horticultural tools and implemen furniture, etc

12 ne offers scope for very suital le industries and should have districts ruit and vegetable crops in t

The details of the scheme have not yet been approved by Government.

SCHEME No. 51.

Department.—Agriculture.

Scheme—Scheme for extensive work in Livestock Improvement.

Brief description of the scheme—Provides for the expansion of Livestock ...ement work particularly for the establishment of three Government Cattle g Farms for useful breeds of cattle at present inadequately provided for in
...ect
...tablish ·
and (b)
...onal farms ...
n the Province

...reas selected for application—
...) Nasik District,
...) Poona District,
...) Ratnagiri District.

...ther Departments concerned—Revenue Department—In regard to sites and or the location of the Cattle Breeding Farms

...c Works Department—In regard to any construction work to be carried out ...he Scheme

...Jpper staff for planning and/or execution of the scheme—

——	1st year	2nd year	3rd year	4th year	5th year	Total
...er staff—						
...azetted staff—						
...ltural Officers in ...ge Cattle Breeding Farms	1	1	1			3

Lower staff for planning and/or execution of the scheme—

——	1st year	2nd year	3rd year	4th year	5th year	Total
...er staff—						
...azetted but trained—						
Agricultural assistants	1	1	1	..		3
Cattle Kamgars	2	2	2			6
...rical and Office staff—						
Junior clerks	1	1	1	..	..	3
Peons	1	1	1		..	3

8 *How staff to be obtained*—Agricultural Officers in charge Cattle Breeding Farms will be obtained by promotion within the cadre of the Livestock S[illegible]

Lower (technical staff) will be provided partly by promotion of suitable [illegible] staff and by direct recruitment and training on Government Cattle Farms of [illegible] persons for cattle kamgars

Clerical and office staff will be obtained by direct recruitment

9 *Rough estimates of cost at existing rates for each year of the first five years*

Item	1st year	2nd year	3rd year	4th year	5th year	T[illegible]
	Rs	Rs	Rs	Rs	Rs	[illegible]
(1) *Dangi Cattle Breeding Farm in Nasik District*—						
Capital	1 00 000					1 0[illegible]
Recurring	20 000	21 256	21 004	23 628	24 313	1 1[illegible]
(2) *Gir Cattle Breeding Farm in Poona District*—						
Capital		1 30 000				1 3[illegible]
Recurring		22 744	25 096	26 116	26 3[illegible]3	1 00[illegible]
(3) *Dangi Cattle Breeding Farm in Ratnagiri District*—						
Capital			1 00 000			1 00[illegible]
Recurring			20 000	21 [illegible]6	2[illegible] 364	63[illegible]
Total — Capital	1 00 000	1 30 000	1 00 000			3 3[illegible]
Total — Recurring	20 000	44 000	67 000	71 000	73 000	2 [illegible]5

(*Note*—No provision on account of lands is made)

10 *To what extent is the scheme productive and/or cost recoverable*—Whe[illegible] Cattle Breeding Farms are established it is hoped that the annual receipts [illegible] farms on account of sale of milk breeding bulls and surplus stock will [illegible] under —

	Rs
Gir Cattle Farm in Poona	10 000
Dangi Cattle Farm in Ratnagiri	5 000
Dangi Cattle Farm in Nasik	5 000

11 *Nature of materials machinery, etc needed from*—

(*a*) *Abroad*—Dairy equipment cream separators, butter churns

(*b*) *Locally*—Agricultural implements—byre equipment, pails, chains [illegible] etc Grass Drying plant, etc, Building materials etc

12 *Any other remarks of information*—Estimates of land not included as assumed that Government lands will be made available

The details of the scheme have not yet been approved by Government

SCHEME No. 52

Department — Agricultural

Scheme —Scheme for establishment of Sheep Breeding Sub stations for work improvement of Sheep and Wool in (*a*) Khandesh, and (*b*) Ahmedabad ts

Brief description of the Scheme —Provides for the expansion of Livestock ement work particularly for the establishment of Sheep Breeding Sub s for work on the improvement of the sheep—and wool—in (*a*) Khandesh and medabad districts At present, the important breeds of sheep in these areas glected so far as work on scientific breeding and wool improvement is concerned ng sheep stations are sub stations in the Province are at Poona Javale pur district), Bagalkot (Bijapur District) and Belgaum only

Areas selected for application —(*i*) Khandesh district, (*ii*) Ahmedabad t

Other Departments concerned—Revenue Department in regard to selection of nd location of the Sheep Breeding Farms

Upper staff for planning and/or execution of the scheme —Nil

Lower staff for planning and/or execution of the scheme —

—	1st yea	2nd yea	3rd year	4th year	5th yea	Total
n graduate but trained—						
) Agricultural Assistants	2	2				4
) Flockman	1	1				2

How staff to be obtained —The Agricultural Assistants will be recruited directly rained at the Sheep Breeding Research Station, Poona

Rough estimates of cost at existing rates for each year of the first five year plan —

Items	1st yea	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
heep Breeding Sub station Khandesh—						
Capital	10 000					10 000
Recurring	5 000	5 000	5 000	5 000	5 000	25 000
heep Breeding Sub station Gujerat—						
Capital		10 000				10 000
Recurring		5 000	5 000	5 000	5 000	20 000
tal Capital	10 000	10 000				20 000
Recurring	5 000	10 000	10 000	10 000	10 000	45 000

(*Note* —No provision on account of lands is made)

10 *To what extent is the Scheme productive and/or cost recoverable*—Wh Farm is established the receipts by sale of stud sheep, wool and di and d will approximately amount to Rs 1,000

11 *Nature of materials, machinery, etc needed from*—

(*a*) *abroad* —Shearing scissors,

(*b*) *locally* —Agricultural implements, Veterinary instruments l furniture, wire netting, etc

12 *Any other remarks of information* —Estimates of land not included a assumed that Government land will be made available

(2) The details of the scheme have not yet been approved by Government

SCHEME No. 53

Department —Agricultural

Scheme —Scheme for extension work in Livestock

Brief description of the Scheme —Provides for the expansion of Livestock ... ement particularly for the establishment of Government Poultry Breeding ... for useful breeds of Poultry at present inadequately provided for in this

Areas selected for application —

(i) Satara District,

(ii) Nasik District,

(iii) Surat District

Other Departments concerned —*Revenue Department* in regard to sites and lands ... e location of the Poultry Breeding Farms

The Works Department in regard to any construction work to be carried out ... the Scheme

operative Department in regard to propaganda and organisation towards the ... tion of Poultry Breeding and Egg Marketing Societies and other Co operative ... isations for the Welfare of Poultry breeders and farmers etc

Upper staff for planning and/or execution of the scheme —Nil

Lower staff for planning and/or execution of the scheme —

—	1st year	2nd year	3rd year	4th year	5th year	Total
...ted staff—						
...gazetted but trained staff—						
(1) Agricultural Assistants as Managers	1	2				3
( ) Field Kamgars	1	2				3

How staff to be obtained —Managers will be obtained by promotion with the ... re of the Livestock Section

9 *Rough estimates of cost at existing rates for each year of the first F[…] Plan* —

Item	1st year	2nd year	3rd year	4th year	5th year	T[…]
	Rs	Rs	Rs	Rs	Rs	[…]
(1) *Establishment of Poultry Farm in District Satara*—						
Capital	6 000					
Recurring	4 000	4 000	4 000	4 000	4 000	
(2) *Establishment of Poultry Farm in District Nasik*—						[illegible]
Capital		6 000				
Recurring		4 000	4 000	4 000	4 000	
(3) *Establishment of Poultry Farm in District Surat*—						
Capital		6 000				
Recurring		4 000	4 000	4 000	4 000	
Total— Capital	6 000	12 000				1[…]
Recurring	4 000	12 000	12 000	12 000	12 000	5[…]

(*Note* —No provision on account of lands is made)

10 *To what extent is the Scheme productive and/or cost recoverable* —Whe[…] Poultry Breeding Farms are established it is hoped that the annual rece[…] the farms on account of sale of hatching eggs and pedigree stock of birds w[…] Rs 2 000 approximately

11 *Details of materials machinery etc needed from*—

(*a*) *abroad*—Incubators Punching sets Leg bands and rings etc

(*b*) *locally* —Poultry House and yard equipment small agricultural Implem[…] Feeding hoppers etc

12 *Any other remarks of information* —Provision of land is not included i[…] Scheme since it will come from provincial resources

(2) The details of the scheme have not yet been approved by Governme[…]

SCHEME No. 54

Name—Expansion of Irrigation Facilities by,—
(a) Construction and Improvement of (i) Wells and (ii) Tanks
(b) Erection of Pumping Plants

Department —Agricultural

Scheme —Expansion of irrigation facilities by (a) construction and improvement of wells and tanks and (b) erection of pumping plants

Brief description of the scheme —(a) In order to increase the area under irrigation new wells will be constructed in suitable tracts and the old wells will be improved by repairing, cleaning and deepening them. To ensure the maturity of rice crop, tanks will be constructed in the Malnad tract and old tanks will be improved by clearance and raising and repairing the bunds etc.

(b) Encouragement will be given for installing pumping plants on river sites, tanks and wells by the way of giving subsidies, tagai loans and technical advice and assistance.

Areas selected for application —(a) Well construction and improvement—all over the Province. The tank construction and improvement—Malnad Tract of the Province (Rice growing area)

(b) Pumping Plant erection will be carried out all over the Province at suitable sites.

Other Departments concerned —(a) (i) Revenue Department for granting tagai loans, (ii) Military Departments for getting personnel

(b) Co operative Department for forming Co operative Societies for pumping

Upper staff for planning and/or execution of the scheme —

—	1st year	2nd year	3rd year	4th year	5th year	Total
(i) Class II B A S	1					1
(ii) Well Supervisors 130—10—250	4					4
(iii) Mechanical Assistants	2	1	1			4

Lower staff planning and/or execution of the scheme —

—	1st year	2nd year	3rd year	4th year	5th year	Total
(i) Well Inspectors 54—4—90		30				30
(ii) Head Clerk 95—5—125		1				1
(iii) Senior Clerk 80—5 —95		1				1
(iv) Junior Clerk		6				6
(v) Peons		7				7
(i) Senior Mechanic 90—4—130		2	1	1		4
(ii) Junior Mechanic 30—2—60		2	1	1		4
(iii) Senior Clerk 80—5 —95		1				1
(iv) Junior clerks 25—5/2—55		3	1	1		5
(v) Peons		3	1	1		5

8. *How staff is to be obtained* —Some by promotion within the existing cad under the Agricultural Engineer and the rest by direct recruitment Tech personnel can be recruited from returned soldiers

9. *Rough estimates of cost at existing rates for each year of the first Five-Year Pl*

—	1st year.	2nd year.	3rd year.	4th year.	5th year	Total
	Rs.	Rs.	Rs	Rs	Rs	Rs.
(a) (i) Capital ..	29,50,000	29,50,000	29,50,000	29,50,000	29,50 000	14[illegible]
(ii) Recurring ..	72,000	70,000	72,000	74,000	77,000	36[illegible]
Total .	*30,22,000*	*30,20,000*	*30,22,000*	*30 24,000*	*30,27 000*	1[illegible]
(b) (i) Capital ..	3,00,000	3,00,000	3,00,000	3,00 000	3,00 000	15[illegible]
(ii) Recurring .	16,000	21,000	28,000	29,000	30,000	1[illegible]
Total .	3,16 000	3,21,000	3,28,000	3,29 000	3,30,000	16 24[illegible]
Grand Total .	33,38,000	33,41,000	33,50,000	33,53 000	33,57,000	1 67[illegible]

10 *To what extent is the scheme productive and cost recoverable* —(a) This sc about 1[illegible] 30,00,000 [illegible] above results [illegible] recoverable a[illegible] is Rs 92,00,000, the return of Tagai loan

(b) This scheme will bring annually 1,000 acres under irrigation each producing about 12,000 maunds of grain costing about Rs 1,80,000 These re will be progressively achieved for five years The recoverable amour Rs 10,00,000 the return of Tagai loans

11 *Nature of materials machinery etc needed from*—

(a) *Abroad* —50 diesel engines, each of about 50 H P size, 50 pumps, of about 6" size and other accessories like piping, belting, bearings, shafting other stores

(b) *Locally*—(a) and (b) Office furniture

12 *Any other remarks or information* —(a) The tanks and wells will be constru and repaired by the cultivators themselves and they will be paid one third of total actual cost as subsidies and the rest as tagai loans to be recovered in five y with the rate of interest of 3½ per cent

(b) The pumping plants will be installed and operated by individual cultiva or co operative Societies Each Plant will bring about 100 acres under irrigat One third of the actual total cost will be paid as subsidy and the rest in the f of tagai loan to be recovered in five years The rate of interest will be 3½ per ce

(2) The details of the scheme have not yet been finally approved Government.

SCHEME No. 55.

Department.—Co operative.

Scheme —District Industrial Associations.

Brief description of the scheme.—There are at present 9 industrial associations

It is proposed that such

for development of hand-

ubsidiary industries The

uch could be organised in

rent districts have already been indicated in the Bombay Industrial and
nomic Survey Reports (Sir P Thakordas Reports) With the material that is
dy available and with the technical advice obtained from the Industries Depart-
t, it may be possible to organise a number of societies on co operative basis
h would work as producing centres and feeders to the proposed industrial
ciations

ociations and other industrial co operatives The proposed federation would
ure financial assistance in the initial stages Provision has accordingly been

Areas selected for application —The coastal districts of North Kanara, Kolaba,
nagiri, Thana and Surat and other districts, viz , Poona, Satara, East Khandesh
Kaira

Other Departments concerned —Department of Industries

Upper staff for planning and/or execution of the scheme —One Secretary for Provincial Federation (Rs 135—5—180)—

10 Managers (on Rs 70 per mensem) one for each Association.

Lower staff for planning and/or execution of the scheme —

How staff to be obtained —Managers could be recruited from the Industries
partment

Rough estimates of cost at existing rates for each year of the First Five Year
in —

—	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
Capital	10 350					10,350
Recurring	59,394	58,416	58 488	53 400	53 400	2 83,098
Total	69,744	58,416	58,488	53,100	53 400	2,93,448

MO I BK H 517—8

10 *To what extent is the scheme productive and/or cost recoverable* —Not prod[illegible]

11 *Nature of material, machinery, etc, needed from*—

(a) *Abroad* –

(b) *Locally* —

12 *Any other remarks or information* —The Department of Industries shall have to render assistance in the preparation of plans and estimates, training of tech. staff in charge of the associations and may also have to advise in respect of materials, machinery, equipment, etc, whether it can be obtained locally or imported or obtained from military or other sources

SCHEME No. 56.

Department —Co-operative

Scheme —Co-operative Creameries

Brief description of scheme —Dairy industry is the main subsidiary industry agriculturist and if his income is to be increased, this industry has to be ped The work under this scheme visualises the organisation of co operative eries in districts where there is an abundant quantity of surplus milk It is sed to organise five central creameries at five district headquarters with 5 separating units, in each district where milk will be collected from the ouring villages The cream separated at each centre together with the other le milk products which do not command local sale will be transported to the l creamery equipped with a laboratory where the cream will be boiled into which will be tested and tinned under AGMARK labels and despatched to nsuming centres So also other milk products received from constituent will be converted into durable milk products for disposal

Areas selected for application —Belgaum, Satara, East and West Khandesh Dharwar

Other Departments to be consulted —Department of Agriculture

Upper staff for planning and/or execution of the scheme —5 Graduate Assistants e grade of Rs 95—5—130 one for each of the central creameries

Lower staff for planning and/or execution of the scheme —30 Kamgars in the e of Rs 30—35—5/2—60—5 for 5 years and 25 for 3 years—

5 Peons on Rs 14 per mensem each

How staff to be obtained —From Military Dairy Department or by recruitment training suitable retired soldiers will be recruited as Kamgars

Rough estimates of cost at existing rate for each year of the First Five Year

—	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
apital (for nts to central d primary eameries for rchase of uipment)	37 000		Nil			37 000
Recurring	17 640	19 740	20 040	10 140	10 440	78 000
Total	54 640	19 740	20 040	10 140	10 440	1 15 000

Excluding a provision of Rs 33 000 for grant of loans at the rate of 4 per cent interest per um repayable in ten annual equal instalments.)

11. *Nature of materials, machinery, etc needed from (a) abroad, (b) loca*
Cream separators, fat-testing machines, churners, special boilers for conversion cream into ghee, milk containers, etc

12 *Any other remarks or information* —So far as primary units are concerned in addition to the provision of equipment, it would be necessary in the initial st i e at least for three years to provide each unit with one Kamgar The cen creamery equipped with the laboratory will have to be manned with a staff of Graduate Assistant, one Kamgar and one peon The pay of this staff contingencies (the latter at the rate of Rs 300 per annum) will be borne b Government The following amounts will also be provided by Government —

	Rs
Grants to five central creameries for equipment of laboratories	20 000
Grants to primary creameries to meet one third of the cost of equipment	17 000
Loans to primary creameries to meet two thirds of the cost of equipment at the rate of 4 per cent interest per annum repayable in 10 annual instalments .	33 000

SCHEME No. 57.

Department.—Co-operative.

Scheme—Milk supply unions.

Brief description of the scheme—The work under this scheme visualises

. . 1

. 3

bay and Poona are left out, as work on a large scale is proposed to be by the Agricultural Department in Bombay, and work on similar lines may to be undertaken in Poona

Areas selected for application—Ahmedabad, Belgaum, Deolali, Nasik, Hubli Sholapur

Other Departments to be consulted—Department of Agriculture

Upper staff for planning and/or execution—One Officer in Class II service the scale of Rs 235—500 for Ahmedabad District with one clerk and two ns

Lower staff for planning and/or execution of scheme—One Graduate Assistant he grade of Rs 95—5—130 with a peon

wo Graduate Assistants Rs 95—5—130 with a peon each and 5 Managers in grade of Rs 75—5/2—90

How staff to be obtained—From Military Dairy Department or by recruitment r training

Rough estimates of cost at existing rates for each year of the first Five-Year n—

—	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
Capital	400	[illegible]00				1 100
Recurring	[illegible],860	15 840	16 260	16 920	17 340	74,220
Total	8 260	16 540	16,260	16,920	17 340	75 320

11 *Nature of materials, machinery, etc, needed from*—Cold storage equipment, tor transport for distribution

(a) *Abroad*—

(b) *Locally*—

12 *Any other remarks or information*—In addition to the special staff for hmedabad each milk supply union to be organised at places mentioned in column 4 ill have to be provided with a Manager at Government cost in the initial stages.

SCHEME No. 58.

1 *Department* —Forest

2 *Scheme* —Forest rehabilitation

3 *Brief description of the scheme* —Urgent provision for one extra wo
Plan party, making 3 full strength parties for each circle under the control
Conse [illegible] Parties to enumerate and r
plans
Also,
not exploited or only partly so

4 *Areas selected for application* —All Southern Circle Panch Mahals
Khandesh and probably also the 3 Thana divisions

5 *Other Departments concerned*—*Nil*

6 *Upper staff for planning and/or execution of the scheme* —

STAFF FOR PREPARATION OF THE WORKING PLANS

Gazetted staff

1 Conservator of Forests, Working Plans Circle on the same time of pay as in the Indian Forest Service *plus* P T A of Rs 190 per mens m

1 Divisional Forest Officer, Working Plans Northern Circle, on Rs 300—420—E B —30—660—E B —40—900 *plus* P T A of Rs 160 per mens m

1 Assistant to the Divisional Forest Officer, Working Plans, Northern Ci on Rs 235—15—400—20—500 *plus* P T A of Rs 75 per mensem

1 Assistant to the Divisional Forest Officer, Working Plans Central Ci on Rs 235—15—400 20—500 *plus* P T A of Rs 75 per mensem

1 Assistant to the Divisional Forest Officer Working Plans Southern Cir on Rs 235—15—400—20—500 *plus* P T A of Rs 75 per mensem

The execution of the plans will be carried out by the existing territorial staff

7 *Lower staff for planning and/or execution of the scheme* —

Clerical Establishement

1 Head Clerk on Rs 95—5—125—E B —135—5—160

1 Accountant (the old scale of pay *viz* Rs 85—5/2—100 should allowed if Government servants entitled to the old scale of pay are appointed otherwise the appointment should be on the revised scale of pay Rs 80—5/2—95)

1 Clerk on Rs 60—5/2—75

2 Clerks on Rs 25—5/2—55 each

1 Ranger Surveyor on Rs 80—5—125—E.B —5—150 *plus* P T A of Rs 30

1 Surveyor on Rs 25—5/2—55 *plus* P T A of Rs 15

2 Peons on Rs 18 per mensem each

3 Peons on Rs 17 per mensem each

(The Ranger Surveyor, Surveyor and Peons above: For the office of the Conservator of Forest Working Plan Circle)

1 Accountant (the old scale of pay viz Rs 85—5/2—100 should be allowed if Government servants entitled to the old scale of pay are appointed, otherwise the appointment should be on the revised scale of pay of Rs 80—5/2—95) 1 Clerk on Rs 25—5/2—55 1 Ranger Surveyor on Rs 80—5—125—E B —5—[illegible]0 plus P T A of Rs 30 per mensem 1 Surveyor on Rs 60—5/2—75 *plus* P T A of Rs 15 per mensem 2 Surveyors on Rs 25—5/2—55 *plus* P T A of Rs 15 per mensem each 1 Peon on Rs 15 per mensem 5 Peons on Rs 14 per mensem each	For the office of Divisional Forest Officer, Working Plans, Northern Circle
2 Peons on Rs 17 per mensem each	For Assistant to the Divisional Forest Officer Working Plans, Central Circle
2 Peons on Rs 14 per mensem each	For Assistant to the Divisional Forest Officer Working Plans, Southern Circle

xtra appointments made for War Supply
over or curtailed but it will be necessary
acancies in Bombay Forest Service Class II
used by the retirement during the next 5 years by (a) promotion of selected
ngers and (b) by direct recruitment for training at Dehra Dun

) *Rough estimates of cost at existing rates for each year of the first Five Year*
m —

—	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
Capital						
Recurring	[illegible]0 000	[illegible]0 000	[illegible]0 000	0 000	0 000	3 [illegible]0 000

enue in the immediate future may be unavoidable

1 *Nature of material machinery etc needed from* —

(a) *Abroad* —Nil

(b) *Locally* —Nil

SCHEME No. 59.

1 *Department* —Forest

2 *Scheme* —Communications

3 *Brief description of the scheme* —Provision of new and urgently required roads Special repairs to existing roads to replace damage due to excessive in war years

4 *Areas selected for application* —Mainly Southern Circle, Thana and Na

5 *Other departments concerned* —Public Works Department

6 *Upper staff for planning and/or execution of the scheme* —Present staff can with the work if the Ozar Sawan road estimated to cost Rs 2,59 467 and the Kha Pareh road estimated to cost Rs 50 100 are taken up by the Public W Department Otherwise a gazetted Assistant, say on Rs 400 per mensem wil required by the Forest Engineer

7 *Lower staff for planning and/or execution of the scheme* —Present staff can with the work

8 *How staff to be obtained* —*Vide* remarks against 6 and 7 above The gaz Assistant if required will have to be recruited by selection of a graduate in Engineering

9 *Rough estimate of cost at existing rates for each year of the first Five- Plan* —

—		1st year	2nd year	3rd year	4th year	5th year	To
		Rs	R	Rs	Rs	Rs	R
(a) Capital		1 00 200	1 00 200	1 00 200	1 00 200	1 00 200	5 0
	plus	62 000	62 000	62 000	62 000	62 000	3 1
(b) Recurring		Nil No maintenance charges during the first 10 need be allowed for					
	Total	1 62 200	1 62 200	1 62 200	1 62 200	1 62 200	8 1

10 *To what extent is the productive and/or cost recoverable* —At least 15 per of the outlay can be recouped every year after completion of the roads in the of increase in the prices of coupes which do not at present command good owing to inaccessibility

11 *Details of materials, machinery, etc, needed from*—

(*a*) *Abroad* —Nil

(*b*) *Locally* —Nil

12 *Any other remarks or information* —The details of the scheme have not been approved by Government

SCHEME No. 60.

Department —Forest

Scheme —Forest buildings, wells, etc (About 116 buildings and 19 wells to structed)

Brief description of the scheme —Provision of necessary buildings, mainly itial for forest staff and necessary amenities particularly water The period

ete the scheme within 10 years The costs given below is for the first s

Areas selected for application —All Circles

Other Departments concerned —Nil

Upper staff for planning and/or execution of the e —

Lower staff for planning and/or execution of the e —

How staff to be obtained —

The present staff can supervise these works

Rough estimates of cost at existing rates for each year of the first Five Year —

—	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
apital	[illegible]	2 20 000	2 20 000	2 20 000	2 20 000	11 00 000
ecurring						

To what extent is the scheme productive and/or cost recoverable —Nil It is ever essential to put forest staff on an equal footing by the provision of adequate housing for all An indirect return should certainly be obtained from an eased standard of health and well being among the staff

Nature of material machinery etc needed from—

(a) *Abroad* —Nil

(b) *Locally* —Nil

Any other remarks or information —Nil

SCHEME No. 61.

1 *Department* —Public Health

2 *Scheme* —Extension of the Malaria Organisation by the formation of tw additional squads

3 *Brief description of the scheme* —The establishment of a permanent mal organisation to deal with malaria in this province was sanctioned in 1… The staff of the organisation has commenced its activities in the Kanara Di… of this province Investigations have been carried out in some parts of t district and control measures have been commenced There are other … in the province where malaria is rampant and it is considered necessary to ca out investigations for the purpose of finding out the causes of the prevalence malaria in those areas and taking the necessary control measures In order carry out these objects, Government considers it essential that the staff of t malaria organisation should be strengthened by the formation of two additio squads for a period of 3 years in the first instance

4 *Areas selected for application* —One or two talukas of any malarious Dist except the Kanara District in which the staff of the permanent organisat… carrying on its work

5 *Other Departments concerned* —Medical Department

6 *Upper staff for planning and/or execution of the scheme* —(*a*) No staff required for planning

(*b*) *For execution* —Two Medical Officers Qualifications—M B B S degree the Bombay University or any other qualifications specified in the first or sec Schedule of the Indian Medical Council Act, 1933, and the experience in b work in Malaria, preference being given to candidates holding D T M or … (in Tropical Medicine) or Sanitary Inspectors' Certificate

Payscale —Rs 200—40/3—400 with efficiency bars at Rs 240 and Rs (Probationers Rs 150 per mensem for the first year, Rs 180 for second … *plus* a special pay of Rs 30 per mensem each and compensatory allowanc loss of private practice of Rs 50 per mensem each and with suitable trave allowance

7 *Lower staff for planning and/or execution of the scheme* —(*a*) No sta required for planning.

(*b*) *For execution* —Two S M S Officers Qualification—L C P S M B B S

Payscale —Rs 60—5—95—E B —5—130—E B —170 (Probationers Rs for 2 years) *plus* special pay of Rs 20 per mensem each and compensa allowance for loss of private practice Rs 10 per mensem each—

	Payscale
	Rs
Two Laboratory Assistants	50—5/2—90—5—140
Eight Insect Collectors	20—1—40
Two Peons	14 per mensem each
Two Sweepers	14 per mensem each

How staff to be obtained —

Upper staff —By advertisement or by selection of suitable candidates from the or Military Department

Lower staff —S M S Officers—By advertising or by obtaining suitable candidates from the Medical or Military Department

Laboratory Assistants —By advertising or from Military Personnel, if found suitable, after training in the technique of malaria under the Malaria Organization

Insect Collectors —Suitable candidates from the Military Personnel, if available

Peons and sweepers —Locally or from the returned personnel of the Military

) *Rough estimate of cost at existing rates for each year of the First Five Year* m—

—	1st year	2nd year	3rd year	4th year *	5th year *	Total
	Rs	Rs	Rs	Rs	Rs	Rs
a) Capital (Non recurrent)	4 000	*Nil*	*Nil*	*Nil*	*Nil*	4 000
b) Recurring	40 000	41 000	42 000	43 000	44 000	2 10 000
Total	44 000	41 000	42 000	43 000	44 000	2 14 000

* It is proposed to sanction the two squads for a period of 3 years in the first instance

10 *To what extent is the scheme productive and/or cost recoverable* —Malaria takes a very heavy toll of life and dissipates the vitality of the working classes The measures though not productive in the literal sense would help to eradicate malaria in some years to come resulting ultimately in better economic life in the vast rural areas of this Province

11 *Nature of material machinery etc needed from*—

(a) *Abroad* —Pyrethrum extract and Paris green

(b) *Locally* —Hand sprayers groundnut oil soap soft soap powder and malariol

additional squads will be on rst instance But it may be than 3 years

SCHEME No 62

1 *Department* —Public Health

2 *Scheme* —Permanent Plague Organisation

3 *Brief description of the scheme* —The analysis of the plague epidemic in [illegible] Province has revealed that the Plague infection in Belgaum Dharwar and N[illegible] Kanara Districts radiates from the endemic centres of Plague in Belgaum a[illegible] Dharwar Districts In Bijapur and Sholapur Districts the infection is gene[illegible] imported from the endemic centres situated in H L H the Nizam s Dom[illegible] The prevention of Plague in the Province will depend upon how the endemi[illegible] are tackled and the infection is eradicated from them A permanent Pl[illegible] Organization specialised in anti plague work including Cyanide fumigat on [illegible] can devote seriously to the problem and deal with the endemic centres and the ar[illegible] susceptible to Plague infection by devising measures according to the experien[illegible] gained is absolutely necessary for the Bombay Province

4 *Areas selected for application* —Belgaum Dharwar North Kanara Bijap[illegible] Sholapur and Poona Districts

5 *Other Departments concerned* —Medical (Haffkine Institute)

6 *Upper staff for planning and/or execution of the scheme* —(a) No staff is requ[illegible] for planning

(b) For execution of the sche[illegible] British Diploma in Public Healt[illegible] Rs 400—30—700—35—1 050 wi[illegible] Plague Officers—Qualification—[illegible] or D P H) (Bom or Cal) on Rs [illegible] allowance

7 *Lower staff for planning and/or execution of the scheme* —(a) No staff is neede[illegible] for planning

(b) For execution the staff needed is—

Ten Epidemic Medical Officers L C P S pay Rs 100—5—200 special pay [illegible] Rs 40 and compensatory allowance for loss of private practice Rs 30 per men[illegible] *plus* permanent travelling allowance of Rs 40 per mensem

Eight Sanitary Inspectors (qualified) pay Rs 60—10/2—150, permanent travel ling allowance Rs. 20 per mensem

One Bacteriological Assistant B Sc with Bacteriology, pay Rs 130—9—310

Two Clerks pay Rs 80—5/2—95

Three clerks pay Rs 40—5/2—80

Four Laboratory Assistants at least Matrics, pay Rs 50—5/2—90—5—140

Two Motor Drivers pay Rs 50—5/2—80, *plus* camp allowance of Rs 10 per mensem

Ninety Operators pay Rs 30—1—45

Six peons pay Rs 20—1—30

Eight Laboratory Attendants pay Rs 20—2—40

Ninety coolies pay Rs 20—1—30

Two Motor cleaners pay Rs 20—1—30 *plus* camp allowance Rs 6 per mensem

One watchman pay Rs 20—1—30

Three sweepers, pay Rs 15—1—20

How staff to be obtained—

(a) *Upper*—(a) Assistant Director of Public Health and Plague Officers by advertisement or by obtaining suitable candidates from Military or Medical Department

(b) *Lower*—(b) (1) Epidemic Medical Officers by advertisement or suitable candidates from Military or Medical Department

(2) Sanitary Inspectors by advertising or suitable candidates from returned soldiers after training them in Sanitary Inspectors' course at Bombay

(3) Clerks, Bacteriological Assistant Laboratory Assistants—by advertising or from suitable Military personnel

(4) Laboratory attendants, Motor drivers operators, peons cleaners, watchman—suitable returned soldiers, if available otherwise by advertisement

(5) Coolies Sweepers—Locally, or returned soldiers if available

) *Rough estimate of cost at existing rates for each year of the First Five Year*

—	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	35 000	Nil	Nil	Nil	Nil	35 000
(b) Recurring	3 25 000	3 27 000	3 29 000	3 31 000	3 33 000	16 45 000
Total	3 60 000 (approximately)	3 27 000	3 29 000	3 31 000	3 33 000	16 80 000

Increase in recurring cost in the second and subsequent years will be on account of increments to the staff

10 *To what extent is the scheme productive and/or cost recoverable*—The cost is not recoverable from anybody But the scheme can be said to be productive in the sense that it is of lasting benefit to the rural population which is suffering from danger of plague at present The eradication of Plague would be of immense benefit to the population from the Public Health and economic point of view The loss of life due to plague and economic loss of the rural population on account of disturbed life due to plague outbreaks can be avoided

11 *Nature of material machinery etc needed from—*

(a) *Abroad*—Nil

(b) *Locally*—Material e g Cyanogas pumps 2 Motor lorries tarpaulins, barium carbonate HCN poison treatment boxes spades torches baskets rat traps, laboratory equipment

12 *Any other remarks or information*—Nil

SCHEME No. 63.

1 *Department* —Public Health

2 *Scheme—District Health Organisation* Per district Establishment d-
in the Province of Bombay

D tr ct H

3 *Brief description of the scheme* —
Officers working in the Districts of Bij
appointed during the current year one
Ahmedabad District The proposal to
the ... tracts of East Khande

under the consideration of Govern ... the same in the
remaining districts is also equall
have a standing nucleus staff to ...
health problems Government considers that the remaining Districts viz Belgau
Kanara Poona and Bombay Suburban Kolaba, Ratnagiri Broach, Panch Mah
and Kaira should be taken up for the introduction of the District Health Organi
tion Scheme

4 *Areas selected for application* —The Districts of Belgaum, Kanara Poon
Thana and Bombay Suburban, Kolaba, Ratnagiri, Broach Panch Mahals a
Kaira

5 *Other Departments concerned* —Local Self Government and Revenue Depa
ments

6 *Upper staff for planning and/or execution of the scheme* —No staff is required f
planning Nine District Health Officers are required for the execution of the sche
(as Bombay Suburban District consists of only one Taluka, it is included in Tha
District) Qualification—Medical qualification registrable by the Bombay Medic
Council *plus* British Diploma in Public Health or B Hy (Bom) or D P H (Bo
or D P H (Calcutta) Scale of pay—Rs 350—40/3—590—30—710

7 *Lower staff for planning and/or execution of the scheme* —No staff is required f
planning The following staff is required for the execution of t
scheme —

13 Epidemic Medical Officers,

27 Sanitary Inspectors

28 Sub Inspectors

122 peons and

624 sweepers and coolies of whom 156 will be mukadams

8 *How staff to be obtained*—

Upper staff to be obtained either by releasing required qualified personn
from the Defence Forces or from the Government of India Failing them b
local recruitment

Lower staff to be recruited locally

Rough estimate of cost at existing rates for each year of the first Five Year Plan —

—	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
Capital (Non recurrent)	1,18,450					1,18 450
Recurring	5,62,110	5 62,110	5,62,110	5,62,110	5 62,110	28,10,550
Total	6 80 560	5,62,110	5,62,110	5,62,110	5 62,110	29,20 000

rable —The scheme
Defence Forces on
ve in the sense that

nduces to healthy life, increasing output
ing of villages in rural areas It involve
emics by means of permanent and emergent measures and
h of the rural population by means of actual demonstrations and education
aganda

Nature of material, machinery, etc , needed from—

(a) *Abroad* —Motor lorries and Pyrethrum

(b) *Locally* —Augers for boring holes for village latrines, disinfectants like
henyle, lysotol white, bleaching powder, potassium permanganate, barium
arbonate, mosquito nets, *phowras*, *ghamelas*, pick axes, etc

2 *Any other remarks or information* —The scheme is complete in itself and
be introduced as soon as the necessary staff is available

SCHEME No. 64.

1 *Department* —Educational Department (Industries)

2 *Scheme* —Industrial School, Satara

3 *Brief description of the scheme* —It is proposed to start an ind at Satara, as a modern high grade institution The following subjects will taught in the school—

(i) Mechanical Apprentice

(ii) Carpentry

(iii) Agricultural Carpentry and Smithy

(iv) Handloom Weaving

4 *Areas selected for application* —Satara

5 *Other Departments concerned* —The Public Works Department in respect the preparation of the plans and estimates for the school buildings

6 *Upper staff for planning and/or execution of the scheme* —The De Director of Industries for planning and execution of this scheme along with other industrial schemes

7 *Lower staff for planning and/or execution of the scheme* —

Staff	Scale of pay
	Rs
(i) One fitter	60—3—75
(ii) One Turner and Machinist	60—3—75
(iii) One Agricultural smith and Carpenter	60—3—75
(iv) One Moulder	35—2—45
(v) One Assistant Handloom Instructor	35—2—45
(vi) One Hamal	14 per mensem

8 *How staff to be obtained* —By public advertisement

9 *Rough estimate of cost of existing rates for each year of the First Five Year Pl*

—	1st year	2nd year	3rd year	4th year	5th year	Tot
	Rs	Rs	Rs	Rs	Rs	I
(a) Capital—						
Cost of Buildings	75 000					
Cost of equipment	39 000					1 1
(b) Recurring—						
Average cost per annum—						
Staff	3 792					
Contingencies	4 000	7,792	7 792	7 792	7 792	3
Total	1 21 792	7 792	7 792	7,792	7 792	1 5

To what extent is the scheme productive and/or cost recoverable.—The institu will be training boys in all stages including the children of Returned soldiers

Nature of material, machinery, etc., needed from—

(a) *Abroad*.—Lathes, planning machine, taping machine, weaving machine, ıg machine, tool grinder, twestel grinder, stolling machine, scraping ⁿ dyes, vices etc., and machine tools

(b) *Locally*.—Working benches and other small equipment

Any other remarks or information.—The scheme has been administratively oved as a post war reconstruction measure. The details of the scheme are ıtive and the Director of Industries has been asked to work out the scheme in ter detail before the scheme is finally put into execution. The Returned ıers can take advantage of the school

SCHEME No. 65

1 *Department*.—Educational Department (Industries)

2 *Scheme*.—Industrial School, Hubli

3 *Brief description of the scheme*.—It is proposed to start an industrial school at Hubli to impart education on a higher standard. The following subjects will be taught in the school :—

(a) Mechanical Apprentice

(b) Carpentry

(c) Agricultural Carpentry and Smithy

4 *Areas selected for application*.—Hubli

5 *Other Departments concerned*.—Nil

6 *Upper staff for planning and/or execution of the scheme*.—The Deputy Director of Industries for planning and execution of this scheme along with the other industrial schemes

7 *Lower staff for planning and/or execution of the scheme*—

Staff	Scale of pay
	Rs
(a) One Superintendent	130—10—[illegible]
(b) One Technical Draughtsman	70—3—130
(c) One Fitter	60—3—75
(d) One Turner and Mechanist	60—3—75
(e) One Smith	35—2—45
(f) One Moulder	35—2—45
(g) One Carpenter Instructor	60—3—75
(h) One Assistant Carpenter Instructor	35—2—45
(i) One Agricultural Smith and Carpenter	60—3—75
(j) One Clerk	25—5/2—50
(k) Two Hamals at Rs 14 per mensem	
(l) One peon at Rs 15 per mensem	

8 *How staff to be obtained*.—By public advertisement

9 *Rough estimate of cost at existing rates for each year of the First Five Year Plan*

—	1st year	2nd year	3rd year	4th year	5th year	To[illegible]
	Rs	Rs	Rs	Rs	Rs	[illegible]
(a) Capital—						
Cost of Building	65 000					[illegible]
Cost of equipment	39 000					
(b) Recurring—						
Average cost per annum—						
Staff	9 468					
Contingencies	7 000	18 268	18,268	18 268	18,268	[illegible]
Scholarships	1 800					
Total	1 22,268	18 268	18 268	18 268	18 268	[illegible]

11 *Nature of material, machinery, etc., needed from—*

(a) *Abroad* —Electrically driven machines fitters' vices, hearths, machines tools, micrometer, surface plates, etc

(b) *Locally* —Working benches and other small equipment

12 *Any other remarks or information* —The scheme has been administratively measure The school when opened will be be constructed by the Government of India on the plot of land (survey No 67) reserved the Industrial school at Hubli which will be taken over by the Government of Bombay after the war on payment of a portion of the cost to be decided in consultation with the Government of India The Returned soldiers can take advantage of the school

SCHEME No. 66.

1 *Department* —Educational Department (Industries)

2 *Scheme* —Technical (Industrial) School, Bijapur

3 *Brief description of the scheme* —It is proposed to start a Technical school Bijapur The following subjects will be taught in the school —

(a) Mechanical Apprentice Course

(b) Carpentry

(c) Agricultural Carpentry and Smithy

4 *Areas selected for application* —Bijapur

5 *Other Department concerned* —The Public Works Department in respect of preparation of plans and estimates and the Revenue Department for making avail Government land for the construction of the building for the proposed school

6 *Upper staff for planning and/or execution of the scheme*—

(a) *For planning* —Nil

(b) *For execution* —The Deputy Director for the execution of this scheme al with other industrial schemes One Superintendent in the scale of Rs 130—10 200

7 *Lower staff for planning and/or execution of the scheme*—

(a) *For planning*—Nil

(b) *Staff*—

	Scale of pay
	Rs
(1) One Technical Draughtsman	70—3—130
(2) One Fitter	50—3—75
(3) One Turner and Machinist	60—3—75
(4) One Smith	35—2—45
(5) One Moulder	35—2—45
(6) One Carpenter Instructor	60—3—75
(7) One Assistant Carpenter Instructor	35—2—45
(8) One Agricultural Smith and Carpenter	60—3—75
(9) One Clerk	25—5/2—55
(10) Two Hamals	@ Rs 14 p m ea
(11) One peon	@ Rs 15 p m

8 *How staff to be obtained* —By public advertisement

9 *Rough estimate of cost at existing rates for each year of the first Five Year Plan*

——	1st year	2nd year	3rd year	4th year	5th year	Tot
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital—						
Building	65 000					1 04 0[illegible]
Equipment and installation	39 000					
(b) Recurring—						
Establishment	9 468	9 468	9 468	9 468	9 468	91 34
Contingencies	7 000	7 000	7 000	7 000	7 000	
Scholarships	1 800	1 800	1,800	1 800	1 800	
Total	1 22 268	18 268	18 268	18 268	18 268	1 95 34

) *To what extent is the scheme productive and/or cost recoverable* —The school will
_ a number of boys every year in all stages

' *Nature of material, machinery, etc , needed from—*

(a) *Abroad* —Oil engine, pump, cutting tradle machine, anvils etc

(b) *Locally* —Working benches and other small equipment

: *Any other remarks or information* —It is decided to treat this scheme as a
1915–46 It is however retained
a view that if it is not approved
1915–46 it will be treated as
dealt with accordingly The
-osed school will be useful to returned soldiers

SCHEME No. 67.

1 *Department* —General Department (Industries)

2 *Scheme* —Fisheries (Study of Marine Biology and the establishment of a aquarium)

3 *Brief description of the scheme* —It is proposed to develop marine fisheri of the Province on modern lines by power fishing with improved types of net su as Danish Seine, Purse Seine, Draft net, longlines, etc The scheme is divided in 3 parts, viz —

(1) Improvement of fishing methods

(2) Development of Inland Fisheries at Khopoli and Poona

(3) Study of Marine Biology and the establishment of an aquarium

4 *Areas selected for application* —Bombay

5 *Other Departments concerned* —The Public Works Department

6 *Upper staff for planning and/or execution of the scheme*—

(*a*) *For planning* —Nil

(*b*) *For execution* —One Deputy Director of Industries for the execution of this scheme along with other industrial schemes

7 *Lower staff for planning and/or execution of the scheme* —

(*a*) *For planning* —Nil

(*b*) *For execution*—

Staff	Scale of pay
	Rs
(1) One Curator	130—5/2—170
(2) Two Clerks in the Fisheries section	50—5/2—90—E B —5—140
(3) One Aquarium Clerk	50—5/2—90
(4) One Mechanic	50—5/2—90
(5) Two field collectors	40—2—60
(6) Three aquarium keepers	20—1—30
(7) One gardener ..	@Rs 20 p m
(8) One sweeper	@Rs 12 p m
Research Section	
(1) One Research Assistant	130—10—170
(2) One Assistant Biologist	100—5—150
(3) One Mechanic Driver (for the launch)	60—5/2—90
(4) One Tindal (for the launch)	50—2—60
(5) One Boatman (for the launch)	30

8 *How staff to be obtained* —By public advertisement

Rough estimate of cost at existing rates for each year of the first Five-Year

—	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
) Capital	1,93,000					1,93,000
) Recurring	*25,117	25,117	25 117	25,117	25,117	1,25,585
Total	2 18 117	25 117	25,117	25,117	25,117	3,18 585

	Rs
*Pay and allowances to the staff	10,800
Pay and allowances to the staff of Research Section	6,442
Non contract contingencies	5,000
Contract contingencies	2,875
	25 117

| *To what extent is the scheme productive and/or cost recoverable* —The posed aquarium would serve as an experimental station and is mainly to be blished for the provision of research facilities on fishery problems It will efore be primarily a scientific institution and as such cannot be expected to productive

l *Nature of material, machinery, etc , needed from*—

(*a*) *Abroad* —Nil

(*b*) *Locally* —One launch, Laby apparatus furniture, reference literature, lassware, chemicals, etc

2 *Any other remarks or information* —Orders according administrative roval to the scheme for the establishment of a Marine aquarium in Bombay a post-war reconstruction measure are being issued Government has accepted this connection a donation of Rs 2 lakhs from Mr Vicaji D B Tara-evala of Bombay

SCHEME No 68

1 *Departn e t* —General Department (Industries)

2 *Sche e* —Fisheries (Development of Inland Fisheries at Khopoli and Poona)

3 1 to develop marine fi-her s
of the improved types of net
as Dai The scheme is divided
3 parts viz —

(1) Improvement of fishing methods

(2) Development of Inland Fisheries at Khopoli and Poona

(3) Study of Marine Biology and the establishment of an acquarium

4 *Areas selected for application* —Khopoli and Poona

5 *Other Depart ne t concerned* —The Revenue and Public Works Department

6 *Upper staff for plann ng and/or exec ti n of the scheme* —(a) For planning—

(b) For execution—One Deputy Director of Industries for the execution of the scheme along with other industrial schemes

7 *Lower staff for planning and/or executio of the scheme* —(a) For planning—

(b) For execution —

Staff	Scale of pay
	Rs
(1) Two Assistants each in charge of the fish farm at Khopoli and Poona	75—5—90
(2) Four Fishermen at Rs 17 per mensem	
(3) Two Watchmen at Rs 17 per mensem	

8 *How staff to be obtained* —By advertisement or from disbanded staff fro offices established for war

9 *Rough estimate of cost at existing rates for each year of the First Five Year Plan* ·

—	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	*1 00 000					1 00,[illegible]
(b) Recurring	†5 112	5 112	5 112	5 112	5 112	25,[illegible]
Total	1 05 112	5 112	5 112	5 112	5 112	1 [illegible]

* Cost of two fish farms at Khopoli and Poona

† Pay and allowances to the staff at two—

	Rs
Farms	3 712
Contingencies	1 400
	5 112

To what extent is the scheme productive and/or cost recoverable—The scheme afford suitable jobs and opportunities of taking up profession connected with ... to hereditary fishermen and other enterprising youths now in the ... and land forces The scheme will be more than self supporting

Nature of material, machinery, etc, needed from—

(a) *Abroad*—Nil

(b) *Locally*—Fishing nets, apparatus and equipment

Any other remarks or information—Orders according administrative approval ...e scheme as a post-war reconstruction measure are being issued The scheme ...stablishing a fish farm at Khopoli was approved by Government in 1941 but ...ew of the high cost of building materials and other essential equipments the ... postponed for the duration of the war and is now included in the post ...reconstruction programme

SCHEME No. 69.

1 *Department* —General Department (Industries)

2 *Scheme* —Fisheries (Improvement of fishing methods)

3 *Brief description of the scheme* —It is proposed to develop marine fisheri of the Province on modern lines by power fishing with improved types of net u as Danish Seine, Pur e Seine, Draft net, long lines etc The scheme is divided i 3 parts viz ,

(1) Improvement of fishing methods

(2) Development of Inland Fisheries at Khopoli and Poona

(3) Study of Marine Biology and the establishment of an aquarium

4 *Areas selected for application* — Arabian Sea

5 *Other Departments concerned* —Nil

6 *Upper staff for planning and/or execution of the scheme* —

(a) *For Planning* —Nil

(b) *For execution* —(1) Master Fisherman on pay including overseas pay Rs 500 per mensem subject to consideration when the appointment is actua made

(2) One Deputy Director of Industries for the execution of this scheme al with other industrial schemes

7 *Lower staff for planning and/or execution of the scheme* —

(a) *For planning* —Nil

(b) *For execution* —

Staff	Scale of pay
	Rs
(1) One Assistant Biologist	130—10—170
(2) One Mechanical Driver	60—5/2—90
(3) One Clerk	50—5/2—90
(4) One Tindal	50—2—60
(5) One Oilman	25 per mensem
(6) One Boatman	30 per mensem
(7) Two fishermen deckhands	20 per mensem
(8) One peon ..	19 per mensem

8 *How staff to be obtained* —By advertisement or from disbanded staff fr offices established for "War"

Rough estimate of co t at existing rates for each year of the First Five Year

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
) Capital	*52 680					52,680
) Recurring	†22 000	22 0 0	22 000	22 0 0	22 000	1,10 280
Total	74 736	22 000	22 0 0	22 000	22 000	1 62 960

	Rs
	40 000
st of a vessel with Diesel engine	5 000
st of nets	1,000
and for his Journey from	280
lvertisement and interview charges for selection of the Master Fisher man	400
eputation of the Fisheries Officer to a foreign country	5 000
	52 680
	11 796
Pay of establishment	400
llowances and honoraria	9 860
ontingencies	
	22 056

To what extent is the scheme productive and/or cost recoverable—The scheme afford suitable jobs and opportunities of taking up profession connected with ig industry to hereditary fishermen and other enterprising youths now in the ' and land forces

Nature of material machinery etc needed from—

(a) *Abroad*—Marine diesel engines and spare parts of the same are not available th local agents of foreign firms or with the Royal Indian Navy

(b) *I*[illegible] trative approval

[illegible] ued

his scheme is a post war [illegible]

SCHEME No. 70.

1 *Depa tment* —Educational Department (Industries)

2 *Scheme* —Re organisation of the R C Technical Institute, Ahmedabad

3 *Brief description of the scheme* —Ahmedabad being a big Textile centre it proposed to re organise the R C Technical Institute and the following courses be taught in it —

(a) Mechanical and Electrical Engineering

(b) Cotton, Spinning and Weaving, Bleaching, Dyeing, Finishing and Pr of Textiles

The duration of the above courses would be 4 years in each case During the fourth year the candidates before taking the final examination will be required undergo six months' practical work in Industry The scheme is to carried out three stages

4 *Areas selected for application* —Ahmedabad

5 *Other Departments concerned* —Public Works Department in respect of preparation of plans and estimates for the buildings in connection with the sch

6 *Upper staff for planning and/or execution of the scheme* —(a) The Dep Director of Industries for planning and execution of this scheme along with other industrial schemes

(b) For execution of scheme

One Principal at Rs 600 in the scale of Rs 300—900 (The Principal will be head of all the Department, i e, Engineering, Textile, Dyeing, Bleaching Finishig Departments)

7 *Lower staff for planning and/or execution of the scheme* —

(a) *For planning* —Nil

(b) *For execution* —

Designation (1)	Number of appointment (2)	Scale of pay (3)
		Rs
First Stage Engineering Department		
(a) *Mechanical Section*—		
Mechanical Superintendent	1	170—500
Assistant (Mechanics and Technology)	1	130—200
Foreman Instructor	1	70—3—130 (
Mechanics	4	60—3—75 (
Hamals	2	20
(b) *Electrical Section*—		
Electrical Superintendent	1	170—500
Assistant (Electrical Engineer)	1	130—10—(
Foreman Instructor	1	70—3—130
Electrical Laboratory Assistants	2	60—3—75
Hamals	2	20

Designation (1)	Number of appointment (2)	Scale of pay (3)
		Rs
Textile Department		
Superintendent	1	170—500
Assistant (Weaving)	1	130—10—200
Assistant (Spinning)	1	130—10—200
Foreman Weaving Instructor	1	70—3—130
Foreman Spinning Instructor	1	70—3—130
Section Operatives and Fitters	6	60—3—75
Hamals	2	20
Dyeing, Bleaching and Fishing Department		
Superintendent	1	170—500
Assistant (Chemistry and Dyeing)	1	130—10—200(184)
Foreman Instructor	1	70—3—130(99)
Laboratory Assistant	1	60—3—75 (72)
Laboratory Hamals	2	20
Part time Teacher in English	1	40—2—50
Non-Technical Staff		
Head Clerk	1	95—5—125(122)
Senior Clerk	1	60—5/2—75(68)
Junior clerk	1	25—5/2—55(46)
Peons	2	19 and 18
Watchman	1	17
Waterman	1	15
Gardner	1	20
Hamal for Hostel	1	16
Sweepers	2	16 and 15
Additional staff for the Second Stage		
Mechanical Section—		
Assistant (Mechanical Drawing)	1	130—200
Mechanics	2	60—3—75
Electrical Section—		
Assistant (Physics and Mathematics)	1	130—200
Textile Department—		
Section Operatives and Fitters	2	60—3—75
Dyeing, Bleaching and Finishing—		
Assistant (Printing)	1	130—200
Laboratory Assistant	1	60—3—75
Non Technical Staff—		
Store Keeper	1	30—5/2—80
Librarian	1	30—5/2—75

8 *How staff to be obtained*—By public advertisement

9 *Rough estimate of cost at existing rates for each year of the First Five Year Plan*

—	1st year	2nd year	3rd year	4th year	5th year	T[illegible]
	Rs	Rs	Rs	Rs	Rs	[illegible]
(a) *Capital*—						
(1) Buildings	59 400	8[illegible] 600*	1 10 400			
(2) Furniture and Fitment	2 500	[illegible]500	1 500			
(3) Equipment	98 400	65 000	1 4[illegible] 600			
	1 60 300	1 61 600	2 59 500			
(b) *Recurring*—						
Average cost of staff per annum	58 380	58 380	70 692	70 69[illegible]	70 69[illegible]	3[illegible]
Additional average cost for additional staff for the second stage		12 312		—		
		70 692				
Total	2 18 680	2 32 292	3 30 192	70 69[illegible]	70 69[illegible]	[illegible]

10 *To what extent is the scheme productive and/or cost recoverable*—A[illegible] Rs 7 000 in the first year of the re organisation of the Institute are expected in shape of fees and the realisation in the fourth year will be approximately Rs 16 800 per annum

11 *Nature of material machinery etc needed from*—

(a) *Abroad*—Lathes looms dyeing and bleaching plants, electrical e[illegible] ment engines generators etc and machine tools

(b) *Locally*—Working benches small tools and other fitments

12 *Any other remarks or information*—The scheme has been administratively approved as a post war reconstruction measure The Returned soldiers will take full advantage of the Institution

SCHEME No. 71.

1. *Department.*—Educational Department (Industries).

2 *Scheme*—Extension of Apprentice Scheme.

3. *Brief description of the scheme*—It is proposed to extend the existing appren- scheme in places where facilities are available. The apprentice scheme com- ises the acceptance by a number of industrial establishments of boys, whose educa- n has progressed up to about the 7th English standard, for training for a period about 5 years,. The scheme is that these boys will be bound by the terms of an greement to attend technical classes in the evening during the whole period of eir training. Under this arrangement their practical and theoretical training be carried on simultaneously The number of boys to be taken up will be pproximately that which can be absorbed in the industries concerned after the od of their training is over

4 *Areas selected for application*—(1) Sholapur, (2) Poona, (3) Hubli, (4) Satara, 5) Dhulia, (6) Jalgaon, (7) Surat, (8) Bijapur.

5 *Other Departments concerned*—The Public Works Department in respect of the reparation of the plans and estimates for the buildings (sheds) required to be nstructed for the evening technical classes to be held at the centres in nestion

hemes

7 *Lower staff for planning and/or execution of the scheme*—Technical and clerical taff at each centre—

(i) 14 Part time teachers at a flat rate of Rs 3 per hour.

(ii) 6 Part time Hamals (Part time laboratory assistants and balmals to be paid at the rate varying from annas 4 to Rs 1-4-0 per hour according to the nature of work The actual rate to be determined by the Director of Industries)

(iii) One Clerk at Rs 25—5/2—55

(i

8.

9

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs.	Rs	Rs	Rs	Rs	Rs.
(a) Capital	4,86,690					4,86,690
(b) Recurring	32,208	51,648	69,616	95,712		2,49,184
Total	5,18,898	51,648	69,616	95,712	..	7,35,874

10 per cent.

...echnicians will be available

11 *Nature of material machinery etc, needed from*—

(a) *Abroad*—Machinery required for Engineering Workshop Electr Workshop and Textile machinery

(b) *Locally*—Working benches and other small equipment

12 *Any other remarks or information*—The industrial establishments in particular centre will have to agree to co operate in the scheme and between th they will have to agree to admit 50 boys per year each centre The approxim number of boys proposed to be put under training during the five years is as follows

	1st year	2nd year	3rd year	4th year	5th ye
Centre	50	50 New 40 From previous year	50 New 76 From previous year	50 New 115 From previous year	
Total	50	90	126	165	

The courses of training at present proposed are—

(1) Mechanical and Related Trades

(2) Electrical and Related Trades

(3) Weaving, Spinning and Dyeing Departments in Textile Mills The sch has been administratively approved as a post war reconstruction measure scheme is suitable for soldiers

SCHEME No. 72.

1 *Department*—Labour Office and Factory Department

2 *Scheme*—Extension of Payment of Wages Act and enforcement of Trade Minimum Wages and of compulsory standing orders in factories in the

3 *Brief description of scheme*—The Payment of Wages Act provides for its to industrial establishments but hitherto it has not been possible do so because of the lack of adequate machinery for its enforcement The ion of setting up trade boards in industries to regulate minimum wages and compelling factories to frame standing orders has been discussed at the ing Labour Committee meeting and it is possible that effect may be given the proposals It would be necessary, therefore, to set up machinery for this purpose

4 *Areas selected for application*—It may be possible to select particular industrial areas like Bombay, Ahmedabad, Sholapur and the Khandesh centres; but in some cases it may be found necessary to cover the whole Province

5 *Other departments concerned*—Nil

6 *Upper staff for planning and/or execution of scheme*—One Senior Inspector Factories and three Junior Inspectors

7 *Lower staff for planning and/or execution of scheme*—Additional clerical staff and peons would be required both for (*a*) and (*b*) but it would be difficult to state the number at this stage

8 *How staff to be obtained*—Army if possible or by recruitment locally

9 *Rough estimate of cost for 5 years*—Rs 2 25 000

10 *To what extent is the scheme productive and/or cost recoverable*—Nil

11 *Nature of materials machinery etc needed from—*

(*a*) *Abroad*

(*b*) *Locally*

12 *Any other remarks or information*—The scheme has not yet been finally approved by Government

SCHEME No. 73.

1 *Department* —Labour Office

2 *Scheme* —Extension of the Bombay Industrial Disputes Act and Recognit of Trade Unions

3 *Brief description of scheme* —Hitherto the Bombay Industrial Disputes for settlements of trade disputes has been extended only to certain indust and it is proposed that it should be extended to cover other industries Government of India have also introduced a Bill to amend the Trade Unions to provide for compulsory recognition of trade unions and machinery will h to be set up to deal with the recognition of trade unions when the Bill is enac into Law

4 *Areas selected for application* —The whole Province will have to be cove but in practice only certain industrially important areas like Bombay, Ahmeda and Sholapur may be particularly affected

5 *Other departments concerned* —

6 *Upper staff for planning and/or execution of scheme* —1 Assistant Comm sioner of Labour and 2 Assistant Government Labour Officers

7 *Lower staff for planning and for execution of scheme* —Additional cler staff and peons would be required both for (a) and (b) but it would be diffi to state the number at this stage

8 *How staff to be obtained* —Army, if possible, or by recruitment locally

9 *Rough estimate of cost for five years* —About Rs 1,50 000

10 *To what extent is the scheme productive and/or cost recoverable* —Nil

11 *Nature of materials, machinery etc , needed from*—

(a) *Abroad* —Nil

(b) *Locally* —Nil

12 *Any other remarks or information* —The scheme has not yet been fin approved by Government

SCHEME No. 74 (I).

Completion of the "A" type Labour Welfare Centre at Sholapur

Brief description —This scheme is aimed at bringing the new "A" type centre [at Sho]lapur into line with the existing "A" type centre in Bombay. The improve[ments inc]lude a gymnasium building with a wrestling pit and a block of shower and a properly equipped children's playground. The servants' quarters will be provided at the centre.

Areas selected for application —Sholapur.

Other Departments concerned —Public Works Department.

Upper Staff for planning and/or execution of the Scheme —Nil.

Lower Staff for planning and/or execution of the Scheme —Nil.

How staff to be obtained —

Rough estimate of cost at the existing rates for each year of the First Five Year —

	1st year	2nd year	3rd year	4th year	5th year	Total
[...]al	49,000					49,000
[Recur]ring		1,000	1,000	1,000	1,000	4,000

To what extent the scheme is productive and/or cost recoverable —Not productive.

Nature of machinery etc. needed from—

(i) *Abroad* —

(ii) *Locally* —Centre to be completed with materials obtained locally.

SCHEME No. 74 (II).

Additions and Alterations to the Recreation Centre at Ahmedabad

1 *Brief description* —This scheme concerns the removal of the structural de' of the present " A ' with regard to the gallery It is prop· the erection of a properly equipped children's playground and the buildin a line of servants' quarters

2 *Areas selected for application* —Ahmedabad

3 *Other Departments concerned* —Public Works Department

4 *Upper Staff for planning and/or execution of the scheme* —Nil

5 *Lower Staff for planning and/or execution of the scheme* —Nil

6 *How staff to be obtained* —

7 *Rough estimate of cost at the existing rates for each year after the first Five Plan* —

—	1st year	2nd year	3rd year	4th year	5th year	Tot
	Rs	Rs	Rs	Rs	Rs	R
Capital Non recurring Recurring	36 000					[illegible]

8 *To what extent the scheme is productive and/or cost recoverable* —productive

9 *Nature of machinery, etc , needed from*—

(a) *abroad* —

(b) *locally* —Centre to be completed with materials obtained locally

SCHEME No. 74 (III).

Establishment of one "B" type Centre each at Broach Barsi Amalner, Viramgaum, Surat, Jalgaon, Dhulia, Nadiad and Hubli and three such Centres in Bombay

Brief description —This scheme covers the erection of three "B" type centres ty and a similar centre each at Broach, Surat, Amalner, Hubli, Viramgaum, r A "B" type welfare Centre is scale All the outdoor and indoor es A "B" type centre lacks a large but has a large main hall with a wooden platform, a single storeyed nnasium with a wrestling pit, shower bath children's playground and servants' rters

Sholapur, East Khandesh and West harwar districts and Bombay City Works Department

Upper staff for planning and execution of the scheme —As shown in the tem

Five Year Plan—

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
pital	1 89 000	1 89 000	42,000	42,000	42 000	5 04 000
n recurrent		6 150	56 670	64 300	1 930	2 19 050
current		30 588	41 144	51 00	61 716	1 85,148

To what extent the scheme is productive and/or cost recoverable —Not productive

Nature of machinery etc needed from—

(1) *Abroad* —

(2) *Locally* —Material available locally

Remarks for information —

*STATEMENT OF STAFF FOR A "B" TYPE CENTRE

Superior Staff

	Bombay scale	Mofussil scale
	Rs	Rs
Welfare Superintendent	75—3—115	50—3—74
Woman Welfare worker	50—3—74	50—3—74
Part time		
Outdoor games teacher	15	15
Indoor games teacher	15	15
Librarian	15	15
Children's playground overseer	15	15
Inferior Staff		
Ayah	25	17
Cleaner	23	17
Sweeper	21	15

SCHEME No 74 (IV).

SCHEME *Opening of two additional "A" type centres one at Ahmedabad and the other at Sholapur*

1 *Brief description* —The scheme concerns the erection of one additional "A" type centre at Ahmedabad and one additional centre at Sholapur The present A type centre at Ahmedabad leased by the Ahmedabad Municipality to Government is situated at a place which is out of the way for the majority of the workers living in Ahmedabad It is desirable to erect one additional centre in some locality where it will be widely used by the cotton mill workers The present A' type centre at Sholapur is situated in a predominently handloom weavers locality It is accordingly proposed to have an additional A type centre at Sholapur in a place near the heart of the town and accessible to a majority of Industrial workers

2 *Areas selected for application* —Ahmedabad and Sholapur

3 *Other Departments concerned* —Public Works Department

4 *Upper Staff for planning and/or execution of the scheme* —Statement attached

5 *Lower Staff for planning and/or execution of the scheme* —Statement attached

6 *How staff to be obtained* —To be recruited locally

7 *Rough estimate of cost at the existing rates for each year after the First Five year plan* —

—	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	
Capital	4[illegible] 000	4 000	51 000	51 000		[illegible]
Non recurrent		6 780	—	11 780		[illegible]
Recurrent			11 [illegible]2	11 97[illegible]	29 344	[illegible]

8 *To what extent is the scheme productive and/or cost recoverable* —Nil

9 *Nature of material, machinery, etc needed from*—

1 *Abroad*

2 *Locally* —Available locally

10 *Any other remarks for information* —

Superior Staff (Full Time)

'A' type centre at Ahmedabad

	Rs
1 Welfare Superintendent	50—3—80
1 Nursery school teacher	35—3—65
1 Assistant Operator	25—1—35

(Part Time)

	Rs
1 Librarian	15
3 Games teachers	15 each
1 Children s playground overseer	15
1 Gymnasium teacher	15

Inferior Staff

	Rs
1 Ayah	14
1 Sweeper	11
1 Watchman	14

Superior Staff (Full Time)

A type centre Sholapur

	Rs
1 Welfare Superintendent	50—3—81
1 Nursery school teacher	35—3—65
1 Assistant operator	25—1—35

(Part Time)

	Rs
1 Librarian	15
3 Games teachers	15 each
1 Children's play ground overseer	15
1 Gymnasium teacher	15

Inferior Staff

	Rs
1 Ayah	14
1 Sweeper	14
1 Watchman	11

SCHEME No 74 (V)

SCHEME *Expansion of Cinema activities of the Labour Welfare Department*

1 *Brief description* —Visual instruction constitutes one of the important activities of the Labour Welfare Department The existing equipment of the Labour Welfare Department for the staging of its Cinema shows is considered inadequate It is proposed to expand the cinema activity of the Department to Sholapur and other mofussil centres This requires a sufficient stock of films and reels The existing equipment in respect of projectors is deteriorating It is accordingly proposed to purchase good projectors with talkie equipment

2 *Areas selected for application* —All the areas in the province that are covered by the activities of the Labour Welfare Department

3 *Other Departments concerned* —

4 *Upper staff for planning and/or execution* —Three motor drivers on scale Rs 50—2—70

5 *Lower staff for planning and/or execution of the scheme* —Nil

6 *How to obtain staff* —To be recruited locally

7 *Rough estimate of cost at the existing rates for each year after the First Five Year Plan* —

——	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
Capital	1 25 000					1 [illegible] 000
Non recurrent						
Recurrent	37 944	37 944	3[illegible] 944	37 944	3[illegible] 944	1 89 [illegible]

8 *To what extent is the scheme productive and/or cost recoverable* —Not productive

9 *Nature of material machinery etc needed from*—

(1) *Abroad* —Cinema projectors and accessories will be obtained from abroad

(2) *Locally* —Three motor trucks for carrying talkie projectors will be obtained from demobilised war material

10 *Any other remarks or information* —

SCHEME No. 74 (VI).

SCHEME. *Establishment of 15 additional 'C' type centres each at Bombay City and Ahmadabad and 3 at Sholapur*

Brief description —A 'C' type Centre—is a small welfare centre in hired Indoor activities like library, musical entertainments and women's and tailoring classes are carried on in these centres

Areas selected for application —Bombay City, Ahmedabad and Sholapur

Other Departments concerned —No other Department is concerned

Upper staff for planning and/or execution of the scheme —Statement attached

Lower staff for planning and/or execution of the scheme — Do

How staff to be obtained —Locally

Rough estimate of cost at existing rates for each year of the First Five-Year —

—	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
tal						
recurrent	5 650	5 650	5 650			16 950
urrent	28 [illegible]88	[illegible] 6	1 364	86 364	86 364	3,30,456

To what extent is the scheme productive and/or cost recoverable —Nil

Nature of material machinery etc needed from—

1) *Abroad* —

2) *Locally* —Available locally

Any other remarks or information

STATEMENT

	Rs		Rs
bay			19,400
aff—			
1 Welfare Organizer (60—3—90)	60		
1 Cleaner at Rs 23 per mensem	23	Inferior Staff	
1 Part-time Librarian	15		
1 Part time Games Supervisor	15		
1 Part time Lady Worker	20		
	133 × 12 = 1,596		
	1,596 × 6 = 9 576 or Rs 9,600		

	Rs	Rs
Ahmedabad		45 500
Staff—		
1 Welfare Organiser (30—3—60) (30 × 1)	30	
1 Part time Games Teacher	15	
1 Part time Sewing Class Mistress	15	
1 Cleaner (full time)	17 Inferior Staff	
	77 × 12 = 924 × 6	
	=Rs 5 544 or Rs [illegible]	
Sholapur		2 600
Staff—		
1 Welfare Organizer (30—3—60) (30 × 1)	30	
1 Lady Part time Worker	15	
1 Cleaner (full time)	14 Inferior Staff	
1 Part time Games Teacher	15	
	74 × 12	
	=Rs 888 × 3	
	=Rs 2 664 or Rs 2 700	

SCHEME No. 74 (VII).

Construction of a Swimming Pool at Worli

1

facilities at present, as the only recourse for baths is to water taps at the build- or chawls where they reside It is accordingly proposed to satisfy this need the construction of a swimming pool at Worli Bombay

2. *Areas selected for application* —Bombay

3. *Other Departments concerned* —Public Works Department

4. *Upper staff for planning and/or execution of the Scheme* —

Superior Staff :—

	Rs
1 Supervisor	75—5—115 per mensem
1 Instructor	60—3—84 ,, ,,

5. *Lower staff for planning and/or execution of the scheme* —
Inferior Staff —

	Rs	
1 Watchman	23 per mensem	
1 Sweeper	21 ,, ,	
4 Cleaners	23 ,, ,	each

6. *How staff to be obtained* —Locally

7. *Rough estimate of cost at existing rates for each year of the First Five-Year Plan* —

—	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
Capital	50 000	50 000	50 000			1,50,000
Non recurrent			1 000			1,000
Recurrent			5,944	5,944	5,944	17,832

8. *To what extent the scheme is productive and/or cost recoverable* —Not productive

9. *Nature of machinery, etc, needed from*—

(a) *abroad* —

(b) *locally* —This will be completed from material obtained locally

SCHEME No. 75.

1 *Department* —Public Works Department

2 *Scheme* —Buildings
3 *Brief description of scheme*
4 *Areas selected for application*
}As per statements I III and IV attached

5 *Other Departments to be consulted* —R D, G D, E D, P & S D H and F D

6 *Upper staff for planning and/or execution of the schemes*
7 *Lower staff for planning and/or execution of the schemes*
8 *How staff to be obtained*
}*Vide* Statement attached

9 *Rough estimates of cost at existing rates for each year of the First Five Year Plan* —

Rs in lakhs

—	1st year	2nd year	3rd year	4th year	5th year	Total
(a) Capital	58	58	58	58	58	290
(b) Recurring —						
(i) Works	Not worked out					
(ii) Establishment	0 6	1 15	1 2	1 2	1 2	5

10 *To what extent is the scheme productive and/or cost recoverable* —Generally the buildings constructed for administrative purposes will not be directly productive Those intended for residential purposes will bring in some return by way of rent

11 *Nature of material, machinery, etc, needeed from*—

(a) *Abroad*
(b) *Locally*
} *Vide* statement B attached

12 *Any other remarks or information* —The rough estimates of costs for each of the 2nd and 3rd 5 year periods are Rs 406 lakhs and Rs 465 lakhs respectively

2 It is not easy at this stage to fix the priority regarding the construction of buildings in the post war period Much will depend on the order in which the post war schemes are taken up and this will depend in turn on the circumstances prevailing at the time, e g, the availability of staff, materials, funds, etc The following broad principles will however be observed in determining the order of priority

The buildings connected with special priority schemes will come first

Next in order of importance will come all buildings necessary for the execution of the schemes included in the first five year plan In determining the priority of buildings in this general category, the following order will be adopted

Buildings necessary for—

(a) 'Concentrated area' schemes,
(b) All Province Schemes,
(c) Particular areas schemes

Further the priority *inter se* of buildings included in each of the three categories be fixed according to the general order of priority proposed to be adopted for allocation of post war funds, viz —

(i) Communications (i e buildings for staff, etc , engaged on road development projects)

(ii) Agriculture

(iii) Public Health

( ) Ed a t n

ices rest houses, etc "

3 The details regarding cost and staff are only tentative and have not yet been ially approved by Government

STATEMENT I *Special Priority Schemes*

Scheme No 75

Serial No	Name of building and the locality	Estimated cost (approximate)	Other Department to be consulted
	2	3	4
		Rs	
1	*Buildings for the expansion of the Engineering College Poona	6 20 000	Educational Department
2	Buildings for the expansion of the Agricultural College Poona—		Revenue Department
	(i) Agriculture College proper	6 73 200	
	(ii) Government farm at Manjri near Poona	1 96 500	
3			
	Inspectors etc	3 00 000	General Department
4	Buildings for a College of Nursing at Satara	50 000	General Department
	Total	18 39 700	

* Expenditure to the extent of Rs 58 000 on Building works and Rs 10 700 on Furniture has been authorised in the year 1944-45

SCHEME No 75

Stateme t III —Schemes for P rticular areas

Serial No	Name of tl e buil l g nd the locality	Estimated cost (App ox mate)	Otl r D pa t-ment to be con ulted
1	2	3	4
		Rs	
1		3 41 000	I d cat on l
2	I }	3 50 000	Do
3	l l		
4	I I l	2 0(000	Home
5		8 0 000	Peren e
5A	I I	1 00 000	General
6		2 14 000	Educat onal
		35 000	Do
7		2 00 000	Do
8	and of the	1 56 000	Do
9	f the J J Hosp tal Bombay	74 000	General
10	Hostel for 40 lady students Grant Medical College Bombay	1 06 000	Do
11	Outpatients Department at the Goculdas Tejpal Hospital, Bombay	2 31 000	Do
12	Administrat ve Block at the Cama and Albless Hospital, Bombay	37 030	Do
13	Additional accommodat on for Motor Veh cles and Taxat on Office at the Headquarters Police Station Bombay	1 15 000	Home
14	Add t onal Storey to Bungalo v Land s End House Bombay	50 000	Public Works
15	ay at	2 7 000	Home
16	New	80 000	General
17	police at Belgaum	2 83 000	Home
18	Construction of Servants quarters in the compound of the Civil Hosp tal Karwar	12 556	General
19	Construct on of a bungalow for the Civil Surgeon at Karwar	20 001	Do
20	Constructing quarters for 41 servants 1 Nurse and 1 clerk in the Mental Hosp tal, Dharwar	69 200	Do
21	Add tions and alterations i e providing a first floor to the *Deputy Educational Inspector s office at* K	12 353	Educational
22	I	47 000	Home
23	l l	59 856	Do
24	at Dharwar	4 04 482	Do
25	Con tructing new Office room and a garage for the D visional Forest Offices at Dharwar	11 600	Revenue
26	Construct on of 6 1st class Bungalows at Dhulia Sholapur Jalgaon D ndori Madha and N phad	1 80 000	Do
27	Conversion of 3 bungalows at Mahe Jalgaon, Shahada and Jamkhed into Ist Class Bungalo vs	30 000	Do
28	Con tru t on of 18 Rest Houses	3 60 000	Do.
29	Dev lopment of I ard Tank s te and c n truct o i of stables and otl er build ngs	4 37 00	General
30	I xt n on of I ma l Coll ge at Andh ri	1 00 000	Educat onal

	Name of the building and the locality.	Estimated cost (Approximate)	Other Department to be consulted
	2	3	4
		Rs	
1	Buildings to house Remand Home, Office and paid Probation Officer's quarters in 50 per cent of the Districts of the Province at a cost of Rs 10,000 per District	4,00,000	Home
	Extension of buildings to be used for certified school at Jambul.	50,000	Do.
	Extension of Remand Home at Umerkhadi	50,000	Do
	New (additional) Remand Home (Probably for girls only) in Bombay	2,00,000	Do
	Construction of a Girls' Home (certified school for [illegible] the age within [illegible] n Act	4,00,000	Do
	[illegible]	80,000	Do
	[illegible] Jalgaon and Karwar.	25,000	Do
	Construction of new buildings for the accommodation of District and Sub Judge's Court at Sholapur Providing a storey to the Sub Judge's Court at Borsad, District Kaira Bombay City Police building works District Police Lines at 11 places [illegible] nd other quarters	1,99,00,000	Do
	[illegible] ay Construction of a new Sub Jail at Nasik Electric lighting to be provided at Dhulia District Prison Scheme for separation of habituals from casuals [illegible] to a Borstal [illegible] at Yeravada	50,00,000	Do
	[illegible]	2,00,000	Do
	[illegible] all at Poona	13,00,000	Public Works
	[illegible]	10,00,000	Do.
	[illegible] bour Welfare	50,000	Political and Services
	[illegible] at Bombay.	39,000	Do
	[illegible] ctional work	30,000	Do
	[illegible] aining Work	31,500	Do
	[illegible]	4,02,000	Do
	[illegible] at Ahmedabad.	1,00,000	Do
2	Opening of an additional 'A' type centre at Sholapur	1,04,000	[illegible]
3	Opening of a Government Industrial Training Workshop at Sholapur	75,000	[illegible]
4	A swimming pool to be attached to the 'A' type centre at Worli	1,00,000	Do
5	[illegible]	[illegible]	[illegible]
6	[illegible]		
7	[illegible]		

Serial No	Name of the building and the locality	Estimated cost (Approximate)	Other Department to be consulted
1	2	3	4
		Rs	
68	Construction of 90 Rural Development godowns	4 50 000	Revenue
69	Extension of Industrial Housing Scheme Provision of 48 chawls of 80 rooms each	52 00,000	Public Work
70	Construction of buildings for 33 Cottage Hospitals	33,00 000	General
71	Construction of buildings for the Colleges of Nursing at Broach	50 000	Do
72	Buildings required in connection with the conversion of the B J Medical School, Poona, into a Medical College	2 62,600	Do
73	Construction of an additional wing at the Sassoon Hospitals, Poona	1,20,000	Do
74	Construction of a Medical College at Ahmedabad	19 00 000	Do
75	Removal of Mental Hospital and Leper Hospital, Ahmedabad to a new site	6 00,000	Do
76	Expansion of Mental Hospital, Thana	1,25 000	Do
77	Improvement of water supply at the Silver Jubilee Leper Hospital Sankeshwar	13,500	Do
78	Improvement to Civil Hospital, Godhra	29 500	Do
79	Construction of sheds for a dairy at the Mental Hospital, Yeravda	15 000	Do
80	Construction of a dairy at the N M. Mental Hospital, Thana.	5 000	Do
81	Reconstruction of J J Hospital and Grant Medical College Bombay	30,00 000	Do
82	Construction of a building in the J J or St George's Hospital compound for the Office of the Surgeon General, Director of Public Health, Bombay Medical Council, etc	12 50 000 (for 82 and 83)	Do
83	Construction of quarters for the staff of all Government Hospitals who are not provided with quarters at present		
84	Industrial School, Hubli	43 000	Educational
85	Reorganisation of R C Technical Institute, Ahmedabad	2,52,400	Do
86	Acquarium in Bombay	82,000	General
87	Fish Farm, Khopoli	50,000	Do
88		50,000	Do
89	perimental	50,000	Revenue
90		4,15,000	Do
91	ne Execu	5,000	Public Wor
92	Proposed New quarter for Sub Divisional Officer, his office and other subsidiary structures at Malegaon	20 000	Do
93	Constructing quarters for Inspector, Measurer and Keyman for Water Course 27, Pravara Right Bank Canal	2 485	Do
94	Do do at Musalwadi	6,183	Do
95	Additions and alterations to Sub-Divisional Officer's office at Deolali Pravara Right Bank Canal	990	Do
96	Additions and alterations to the Store House in the compound of Sub Divisional Officer's office at Ahmednagar	2,219	Do
97	Mohamad Ali Road Police Scheme, Bombay	Cost not worked out	Home
98	Court Buildings at Sholapur	Do	Do
99	Sydenham College of Commerce, Bombay	Do	Educational
100	Poona Regional Office	Do	Home
101	Six Sub regional offices	Do	Do

Serial No	Name of the building and the locality	Estimated cost (Approximate)	Other Department to be consulted
1	2	3	4
		Rs	
102	Bombay Regional Office	Cost not worked out	Home
103		Do	Do
104		Do	Do
105		Do	Do
106		Do	Do
107	... elop ment	Do	Revenue
108		Do	Home
109		*Do	All Departments
110	Ambulance Services at District Headquarters Hospitals	37,000	General
111		17 044	Revenue
112		41 574	General
113		2 10 000	Home
114	... at	1,20 000	Revenue
115		30 000	Do
116		1,50 000	General
117		12 000	Revenue
118		12 000	Do
	Total	5 88 30 618+	cost of uncosted buildings

*As the present office accommodation both in the Civil and the Public Works Department Secretariat is very inadequate and some of the offices are housed in hired accommodation it is very necessary to extend the Secretariat Offices in Bombay

Statement IV —Schemes for Concentrated areas

Serial No	Name of building and the locality	Estimated cost (Approximate)	Other Department to be consulted
1	2	3	4
		Rs.	
	Inspection and District bungalows in —		
1	Poona District	90 000	Revenue and Public Works
2	Satara District	1,50 000	Revenue and Public Works
3	Sholapur District	1 50 000	Revenue and Public Works
4	Ahmednagar District	1,50 000	Revenue and Public Works
5	Inspection bungalows at Ratnagiri and Khed	31 184	Public Works
6	Secondary College at Belgaum	(Not worked out but assume) 75 000	Educational
7	Civil Hospital at Bijapur Outpatients' Block	79 778	General
8	Police lines at Roha	10 172	Home
9	Repairs to the Collector's Kacheri at Ratnagiri	60,000	Revenue

Serial No	Name of the building and the locality	Estimated cost Approximate	Other Department to be consulted
1	2	3	4
		Rs	
10	Rebuilding of taluka Kacheri at Malvan	75 000	Revenue
11	Constabulary quarters and well at Amingad, District Bijapur	15,628	Home
12	Constabulary quarters and well at Kerur, District Bijapur	18,666	Do
13	Inspection bungalow with outhouses and a well at Talikot, District Bijapur	16,399	Public Works
14	Addition and alterations to the Sub Judge's Court at Belgaum	39,061	Home
15	Conversion of the bungalow at Khed into a first class bungalow	10,000	Revenue
16	Building for Certified School at Malsiras, District Sholapur	2,00 000	Home
17	Hostels for children of Indian Soldiers at 14 different places	1,75,000	Do
18	Court house for subordinate Judge s Court at Chikodi, District Belgaum	50,925	Do
19	Court house for the Subordinate Judge s Court at Rahuri, District Ahmednagar	37,509	Do
20	District Police Lines at 7 places	3 00 000	Do
21	Bungalow (for Police) at Ratnagiri	50 000 (very approximate)	Do
22	Provision of electric lighting at Bijapur District Prison	4,674	Do
23	One B type Labour Welfare Centre at Surat	42 000	Political Services
24	Belgaum Regional Office	(Not worked out but assume) 75 000	Home
25	[illegible]	21 000	Revenue
26	[illegible]	30 000	Do
27	[illegible]	4,00 000	General
28	[illegible] ijapur District	25 000	Do
29	New outpatients Department building at Civil Hospital, Surat	20 500	Do
30	Agriculture Headquarters Industrial Section Satara	1,46 000	Revenue
31	Agriculture Headquarters Industrial Section, Ratnagiri	1,40,000	Do
32	Industrial School Satara	7[illegible] 000	Do
33		4 00 000	Educational
34		2,00 000	Do
35		12 65,000	Do
36		10,[illegible]0 000	Do
37	Full Grade Primary Schools with Agriculture Bias and hostels	11,00 000	Do
38	1 600 Full Grade Primary Schools Buildings in the concentrated areas in connection with scheme Nos 90 and 92	4 80 00 000	Do
39	Buildings in connection with the increase in number of beds at District Headquarters Hospitals in concentrated areas (Part I of Scheme No 20)	7 [illegible]0 000	General
		5,[illegible]4 75 000	
	Grand total of the Statements I III and IV	11,61,43,118	
	Say	11,61 00,000	

STATEMENT A.

Scheme No 75—Buildings (Establishment)—Engagal on Buildings.

Item	No and designation	Scale
		Rs.
(i) *Upper Staff for Planning and Execution.*	One Chief Engineer (also responsible for Roads, Irrigation and Public Health Schemes).	2,750—125—3,000.
	One Superintending Engineer (also responsible for Roads, and Irrigation Schemes).	1,750—100—2,150.
	One Executive Engineer	410—40—1,000.
	Three Deputy Engineers	250—20—750
(ii) *Lower Staff for Planning and Execution.*	Ten Overseers	70—5—100—10—250.
	Office Staff	As per unit sanctioned in G R 6717/36 (1), dated the 17th March 1944, scales sanctioned in that G R for the various grades will be adopted

How staff to be obtained —

The technical staff would be obtained —

(1) Partly by promotion from within the Department

(2) Partly by recruitment from the market (thro' the P. S C) of men without war or Defence Force Services

(3) Partly by recruitment of men from the market or direct from the Defence Force (thro' the P S C) of men with war service The ration between 2 and 3 will be fixed 50 50 for the time being

Rough estimate of cost at the existing rates for each year of the first five-year planning —

—	1st year	2nd year	3rd year	4th year	5th year
			In lacs of rupees		
Recurring	0 6	1 1[illegible]	1 2	1 2	1 2

Note —(The expenditure under the 1st and Second Year includes the proportionate cost of one [illegible] responsible for roads and Irrigation Schemes)

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Serial No	Name of the building and the locality	Estimated cost Approximate	Other Department to be consulted
1	2	3	4
		Rs	
10	Rebuilding of taluka Kacheri at Malvan	75 000	Revenue
11	Constabulary quarters and well at Amingad District Bijapur	15 628	Home
12	Constabulary quarters and well at Kerur District Bijapur	18,666	Do
13	Inspection bungalow with outhouses and a well at Talikot, District Bijapur	16 399	Public Works
14	Addition and alterations to the Sub Judge's Court at Belgaum	39 061	Home
15	Conversion of the bungalow at Khed into a first class bungalow	10 000	Revenue
16	Building for Certified School at Malsiras, District Sholapur	2 00 000	Home
17	Hostels for children of Indian Soldiers at 14 different places	1,75 000	Do
18	Court house for subordinate Judge s Court at Chikodi District Belgaum	50 925	Do
19	Court house for the Subordinate Judge s Court at Rahuri District Ahmednagar	37 509	Do
20	District Police Lines at 7 places	3 00 000	Do
21	Bungalow (for Police) at Ratnagiri	50 000 (very approximate)	Do
22	Provision of electric lighting at Bijapur District Prison	4 674	Do
23	One B type Labour Welfare Centre at Surat	42 000	Political Services
24	Belgaum Regional Office	(Not worked out but assume) 75 000	Home
25	[illegible]	21 000	Revenue
26	[illegible]	30 000	Do
27	[illegible]	4 00 000	General
28	[illegible] ijapur District	25 000	Do.
29	New outpatients Department building at Civil Hospital Surat	20 000	Do
30	Agriculture Headquarters Industrial Section Satara	1 46 000	Revenue
31	Agriculture Headquarters Industrial Section Ratnagiri	1 40 000	Do
32	Industrial School Satara	75 000	Do
33	[illegible]	4 00 000	Educational
34	[illegible]	2 00 000	Do
35	[illegible]	1 65 000	Do
36	[illegible]	10 [illegible] 000	Do
37	Full Grade Primary Schools with Agriculture bias and hostels	11 00 000	Do
38	1 600 Full Grade Primary Schools Buildings in the [illegible] scheme	4 80 00 000	Do.
39	[illegible] mber [illegible] in	[illegible]	General
		4 [illegible] 000	
	Grand total of the Statements I III and IV	11 61 4 118	
	Say	11 61 00 000	

STATEMENT A.

Scheme No 75—Buildings (Establishment)—Engaged on Buildings.

Item	No and designation	Scale
		Rs
Upper Staff for Planning Execution.	One Chief Engineer (also responsible for Roads, Irrigation and Public Health Schemes)	2,750—125—3,000
	One Superintending Engineer (also responsible for Roads, and Irrigation Schemes)	1,750—100—2,150
	One Executive Engineer	110—40—1,000
	Three Deputy Engineers	250—20—750
Lower Staff for Planning Execution.	Ten Overseers	70—5—100—10 —250.
	Office Staff	As per unit sanctioned in G R 6717/46 (1), dated the 17th March 1944 scales sanctioned in that G R for the various grades will be adopted

How staff to be obtained —

The technical staff would be obtained —

(1) Partly by promotion from within the Department

(2) Partly by recruitment from the market (thro' the P. S C) of men without war or Defence Force Services.

(3) Partly by recruitment of men from the market or direct from the Defence Force (thro' the P S C) of men with war service The ration between 2 and 3 will be fixed 50 50 for the time being

Rough estimate of cost at the existing rates for each year of the first five-year planning —

	1st year	2nd year	3rd year	4th year	5th year
			In lacs of rupees		
Recurring	0 8	1 15	1 [illegible]	1 2	1 2

Note 1 —(The expenditure under the 1st and Second Year includes the proportionate cost of the S E (Rs 1000) who is also responsible for roads and Irrigation Schemes)

STATEMENT B

Scheme No 75

Buildings

Materials required

—	In the first 5 years period of the Scheme	For the whole Scheme
	Tons	Tons
Cement	60 000	200 000
Steel	12,000	40,000

Plant required

—	In the 1st - years of the 1st 5 years period of the Scheme
Lorries	36 Nos
Stone crushers	6 ,,
Saw benches	2
Rock drills	12 ,,
Concrete mixers	10
Pile driving plant	1 No
Pumping plant for foundations etc	1 ,,

Note —The above information involves a large number of important assumptions which may not prove accurate in practice Therefore the data given should be considered as being approximate only and the best available at this stage

SCHEME No. 76.

1. *Department* —Public Works Department

2. *Scheme* —Irrigation Projects

3. *Brief description of the scheme* —
4. *Areas selected for application*
5. *Other Departments concerned*

} *Vide* Statement A attached.

6. *Upper staff for planning and or execution of the scheme*

7. *Lower staff for planning and or execution of the scheme*

8. *How to be obtained* —

} The details of staff and cost have to be approved by Government. *Vide* Statement C attached.

9. *Rough estimates of cost at existing rates for each year of the First Five Year Plan* —

—	1st year Rs in lakhs	2nd year Rs in lakhs	3rd year Rs in lakhs	4th year Rs in lakhs	5th year Rs in lakhs	Total Rs in lakhs
(a) Capital	[illegible]	82 [illegible]	137 5	137 [illegible]	137 5	[illegible]
(b) Recurring—						
(i) Works		Not worked out				
(ii) Establishment	[illegible] 2	[illegible] 2	0 2	0 2	0 2	[illegible]

10. *To what extent is the scheme productive and/or cost recoverable* —*Vide* Statement attached

11. *Nature of materials machinery etc , needed from*—
    (a) *Abroad* —
    (b) *Locally* —
} *Vide* Statement B attached

12. *Any other remarks or information* —Out of the 23 works shown in the accompanying statement A, works costing Rs 14 crores are to be selected in due course for P W R Programme It has been decided to take up the marginally* noted three irrigation schemes for detailed investigation and the Project Organisation has started work on surveys, etc The projects (estimates) when ready and received by Government will be further examined In this connection it is observed that Irrigation Projects, being of a technical nature, a great deal of investigation has to be carried out before the schemes can assume a final form ready for execution

*1 The Gangapur Project
2 The Girna Project
3 The Mula Project

The question of selecting other works out of the 23 schemes referred to above is under consideration

The rough estimated cost of this scheme for the 2nd and 3rd five year periods of the P. W. R Programme is estimated at Rs 170 lakhs and Rs. 380 l[illegible] respectively.

STATEMENT

Scheme No 76

Irrigation Works

Serial No	Scheme	Brief description of scheme	Area selected for application	Other Departments to be consulted	Rough estimate of cost at existing rates	Recurring	To what extent is the scheme productive/or cost recoverable
1	2	3	4	5	6	7	8
					Rs in lakhs		Per cent
		NORTHERN DIVISION					
1	Irrigation	The Meshwa Canal Project	Kaira District	Revenue Department	[illegible]0*	Not worked out	1 2
2	Do	The Mahi Canal Project		Do	3[illegible]0*	Do	2 0
3	Do	The Watrak Canal Project		Do	105*	Do	2 0
4	Do	The Tapti River Project		Do	88*	Do	8 5
5	Do	Vardala Tank	Kaira District	Do	4 4†	Do	
6	Do	Patadungri Tank	Panch Mahals	Do	7 6†	Do	
		CENTRAL DIVISION					
7	Do	Vir Dam Project	Poona Sholapur Districts	Revenue Department	167‡	Not worked out	May pay 1 94 per cent if interest on capital is disregarded
8	Do	Khadakwasla Project	Poona District	Do	21[illegible]‡	Do	2 13
9	Do	Gangapur Dam including Hydro Electric Plant	Nasik and Ahmednagar	Do	8[illegible]*	Do	3 6

12	Do	Tisangi Tank at ... Bank Canal No III		Do	9†	Do	-
13	Do	Bhamburdi Tank at the tail of the Nira Right Bank Canal	Sholapur	Do	5†	Do	..
14	Do	Raising the Chankapur Dam Additional storage for Girna Canal		Do	-†	Do	4 5
15	Do	Khamgaon Tank	Poona, Haveli Taluka	Do	2 4†	Do	1 8
16	Do	Victoria Tank	Poona	Do	9 †	Do	
17	Do	Mangi Tank	Sholapur	Do	3 7†	Do	
18	Do	Sapatna Tank					
		SOUTHERN DIVISION					
19	Do	Improvements to the feeder channel for the Gaddikeri Tank at Mugutkhan Hubli	Belgaum	Revenue Department	6†	Not worked out	
20	Do	Pick up weir schemes across the Malaprabha at Shivayog Mandir	Bijapur	Do	20 4†	Do	0 64
21	Do	Asoga Scheme	Belgaum	Do		Do	
22	Do	Gokak Left Bank Canal Scheme	Belgaum	Do	30*	Do	0 bs at Post War cost
23	Do	The Don Irrigation Scheme	Bijapur	Do		Do	
				Total cost	1,857 0 lakhs		

Note —(1) The cost of the works against which † mark is made makes no allowance for either Pre War or Post War rise in prices as they are not recently reviewed

The cost of the works against which * is made, makes a suitable allowance for Post War construction as some of these schemes were made out long ago

cost of the work against which ‡ is reported by the Superintending Engineer Deccan Irrigation Circle

Work costing Rs 14 crores will be selected by Government in due course and the Public Works Department programme is only for this amount

STATEMENT B

Scheme No 76.

Irrigation Works.

Showing the nature of the machinery required in connection with Irrigation Scheme included in the Post War Programme

Serial No	Name of machine	Numbers required
1	Mortar mills	84
2	Crushers	18
3	Electrical plant—	
	(a) Alternators	2
	(b) Switch boards	3
	(c) Induction motors	4
	(d) Transformers	3
	(e) Switches	3
	(f) A T single pole handle type fuses	6
	(g) Motor syran	1
4	Electric winches and motor 80 H P	6
5	Turbine plant	1
6	Turbine pile line	1
7	Road locomotive with waggons 4	3
8	Crude oil engines with accessories	12
9	Workshop plant with all accessories	4
10	Compressors and drills	3
11	Portable steam engines of various powers	13
12	Derricks and cranes	7
13	Steam launch	3
14	Steel barges	11
15	Calyx drilling plant	3
16	Elevators	11
17	Miscellaneous plant 1 Lime briguette testing machine, 2 Disintegrators and 1 Motor Boat engine	2
18	Motor lorries	30
19	Portable pumping sets	8
20	Trolley lines (with tipping wagons)	70 (miles)

Note — The information given in the above statement is only a rough indication of the probable requirements of materials and machinery so far as can be foreseen at present It is not possible to furnish fuller or more accurate information at this stage as no project i e , estimate has so far been completed in respect of any item included in this scheme

STATEMENT C

Scheme No 76

Irrigation (Establishment).

Establishment engaged on Irrigation

Item	No and designation	Scale
		Rs
(1) *Upper staff for planning and execution*	One Chief Engineer (also responsible for Roads, Buildings and Public Health Schemes)	2 750 125 3 000
	One Superintending Engineer	1 750 100 2 150
	Four Executive Engineers	110 40 1,000
	Sixteen Deputy Engineers	250 -20—750
(2) *Lower staff for planning and execution*	Sixty four Overseers	70 -5 -100—10 —250
	Office Staff	As per units sanctioned in G R No 6717/36(1), dated 17th March 1911. Scales sanctioned in that Government Resolution for the various grades will be adopted

(3) *How staff to be obtained*

The technical staff will be obtained—

(1) Partly by promotion from within the Department

(2) Partly by recruitment from market (through the P S C) of men without War or Defence Force Services

and

(3) Partly by recruitment of men from the market or direct from the Defence Force (through the P S C) of men with War Service

The ratio between (2) and (3) will be fixed 50 50 for the time being

[illegible]

ical services

n of opening

Rough estimate of cost at the existing rates for each year of the First Five Years Plan —

1st year	2nd year	3rd year	4th year	5th year
		In lakhs of Rs		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SCHEME No. 77.

1 *Department* —Public Works Department

2 *Scheme* —Public Health Projects

3 *Brief Description of the Scheme* —
4 *Area selected for application* —
5 *Other Departments concerned* —

As given in the accompanying St ment A Out of the 14 proj the first two projects are to be ta up in the first 5 year period and remaining twelve projects in second 5 year period of the w 15 year period of the P W Programme

6 *Upper staff for planning and/or execution of the scheme* —The details of s and cost have to be approved by Government

7 *Lower staff for planning and/or execution of the scheme* —
8 *How staff to be obtained* —

Vide Staten C attache

9 *Rough estimates of cost at existing rates for each year of the First Five Y Plan*—

——	1st year	2nd year	3rd year	4th year	th year	Tot
	Rs in lakhs	Rs in lakhs	Rs in lakhs	Rs in lakhs	Rs in lakhs	Rs in la
(*a*) Capital	14 6	21 9	36 5	36 5	36 5	1
(*b*) Recurring—						
(i) Works	*Vide* col 7 of Statement A attached					
(ii) Establishment	Nil	0 90	2 75	2 75	2 75	9

10
being
Govern
capital with interest and annual expenditure on Maintenance and Repairs concerned As a rule no profits should accrue on these schemes The cap is recoverable in 30 years by way of water rates and drainage cess

11 *Nature of material, machinery, etc, needed from* —

(*a*) *Abroad* —
(*b*) *Locally* —

Vide statement B attached

12

the schemes can assume a final form ready for execution

SCHE

STATEMENT A

Public Health Projects

Serial No	Scheme	Brief description of the scheme	Area selected for application	Other Departments concerned	Rough estimate of cost at existing rates	*Recurring charges
1	2	3	4	5	6	7
					Rs in lakhs	Rs
1	Water Supply	Neersagar Water Supply (Government)	Dharwar and Hubli	General and Finance Departments	91 6	14,85,000
2	Do	Belgaum Water Supply	Belgaum		51 7	5 02,800
3	Do	Ahmednagar Water Supply and Filtration Plant	Ahmednagar		4 3	17 500
4	Do	Salsette Water Supply (Government)	Badlapur Suburbs of Bombay		104 5	8,19,000
5	Drainage	Surat Drainage	Surat		62 3	1 77,000
6	Water Supply	Surat Water Supply Distribution System	Do		5	53,420
7	Do	Pandharpur Water Supply distribution system	Pandharpur		4 5	40,140
8	Do	Khadakwasla Scheme for supply of filtered water to Poona and Kirkee	Poona and Kirkee		75	11 13 084
9	Do	Nipani Water Supply	Nipani (Belgaum District)		6 6	76,200
10	Drainage	Ghatkopar Drainage	Ghatkopar		7 2	53,200
11	Do	Jalgaon Drainage	Jalgaon		6 6	79,100
12	Do	Danda and Santa Cruz Drainage	Bombay Suburbs		8 3	83,200
13	Water Supply	Nadiad Water Supply	Nadiad		9 6	1,17,000
14	Do	Godhra Water Supply	Godhra		9 5	1 67 000
					429 7 Say 4 3 crores	

*Including interest on capital repayment of instalment, depreciation and maintenance and repairs

STATEMENT B

Public Health Schemes included in the First Five-Year Period

Statement showing the type and quantity of materials required for executing the schemes

Sheet No. 1

Name of scheme	Total lines	Cement quantity in tons	R C C round bars length in feet						Hume pipes C Class										Hume Steel	C I flanged pipes in feet		
									30"		21"		18"		15"		12"		24"	18"	15"	12"
			¼"	⅜"	½"	⅝"	1"	1⅛"	Pipe length	Collars	Pipe length	Col Nos	Pipe length	Col Nos	Pipe length	Col Nos	Pipe length	Col Nos				
	Miles																					
1 Neerasagar Water Supply Scheme for Dharwar and Hubli	14	1,[illegible]	14[illegible]	1,4[illegible]0	2[illegible]4[illegible]0	400	2800	[illegible]	5200										600	1,500		400
Belgaum Water Supply—Full scheme including distribution system for all local bodies	12	6,360	5,[illegible]00	13600	10,[illegible]00						10900	1810			6000	1200	[illegible]6110	2300		2500	1600	100

Sheet No. 2

C I pipes spigot and socket ends Length in feet												Sluice Valves Numbers													Scour Tee Numbers				
30"	24"	21"	18"	1[illegible]"	10"	9"	8"	6"	5"	4"	3"	30"	24"	21"	18"	15"	12"	10"	9"	8"	6"	5"	4"	3"	24" × 9"	21" × 6"	18" × 6"	15" × 6"	12" × 4"
[illegible]			[illegible]																										

Nos —contd C I 9" × 8"	3" × 3"	18"	12"	tapers etc	Numbers	lead in Cwts	K H 4a type Nos	Tees Numbers	Duck fo t bends Nos	Length in feet 12"	3"	Ventilators Dupuri	Steel trusses	W I ladder 2' wide 12' long	Lattice girders 33 long
3		10		30" 45° 24" do 24" 22½° 18" 45 18" 22½° 18" 11¼	4 6 6 6 5 5	3500	20				6000	60		15	
6	35	-	-	Tees of various sizes Bends do Tapers do	500 1200 300	4500	60	250	30	150	1000	50	7	12	2

Sheet No. 4

Pump n Ma hinery	Mechanical Equipment
6 sets of 250 B H P Oil Engines and Centrifugal pumps	8 Nos l ss of head gauges and rate of flow gauge
4 sets of 400 B H P do do	8 Nos rate of flow indicators
2 sets of 550 B H P do do	8 Nos Automatic control gears for outlets
4 Nos Pressure relief valves	1 No Air compressor driven by electric motor to compress air 250 C ft per min to a pressure of 75 lbs per sq in
12 Nos Reflux valves 18"	Gaseous Chloronome and Amonator No —
Air compressors for the above pumping plants	6 Nos Flocculating machinery with worm gear and motor of 2 H P
Travelling cranes 3 Nos with girders weighing 7 tons	4 Nos Loss of head gauges and rate of flow gauge
Cooling water tanks 6 Nos	4 Nos rate of flow indicators
4 sets of crude oil engines of 250 B H P centrifugal pumps to pump 1800 G P M against a head of 265 feet	4 Nos Automatic outlet control gears
Flexible couplings	1 No Air compressor driven by electric motor to compress 250 C.ft. of air per min to a pressure of 75 lbs per sq in. with necessary valves
Pressure relief valves 2 Nos	1 Gaseous Chloronome and Amonator
Reflux valves 4 Nos (18" dia)	4 Nos flocculating machinery with worm gear and motor of 2 H P
Air compressors for the same	
Travelling cranes with rails and girders suitable to take load of 3 tons	
Cooling water tanks 4 Nos	

Note —This statement gives a list of the types and quantities of materials etc likely to be required in respect of the first two items of the Scheme No 63, which proposed to be taken up in the first five years period of the P W R Programme It is not possible to give similar detailed information in respect of the [illegible] items of the Scheme No 63 which are proposed to be taken up in the second five years period of the programme as some of these projects are yet to be [illegible]ed The information given is approximate only

STATEMENT C

Establishment engaged on Public Health

Item	No and designation	Scale
		Rs
(1) *Upper staff for Planning and execution*	Three Executive Engineers	440—40—1 000
	Six Deputy Engineers	250 20—750
(2) *Lower Staff for Planning and execution*	Thirty six Overseers	70 5—100—10—250
	Office Staff	As per units sanctio in G R No 6717/36 dated 17th March 19
		Scales sanctioned in t G R for the vari grades will be adopt

(3) *How Staff to be obtained*

The technical staff will be obtained —

(1) Partly by promotion from within the Department

(2) Partly by recruitment from market (thro the P S C) of men witl War or Defence Force Services

(3) Partly by recruitment of men from the market or direct from the Defe Forces (thro the P S C) of men with War Service The ratio between and (3) will be fixed 50 50 for the time being

ical services
stion of op

	1st year	2nd year	3rd year	4th year	th ye
		in lakhs of Rs			
Ro gh estimate of cost at existing rates or each ye r of th first five year plans					
I c nnn	\ /	0 90	7	-	

[T

CONCENTRATED AREA SCHEMES.

SCHEME No. 78.

Rural Development Headquarters

It is proposed to establish "Rural Development Headquarters" in certain of the Province These "Rural Development Headquarters" will form nuclei for the spread and extension of all aspects of rural development the districts in which they are established, e g, training of agriculturists and their es and families, centres for the distribution of improved seed, improved imple- manures, insecticides, etc provision of better breeding live stock and foci or the development of co-operative organisations in the district for the benefit and welfare of the agricultural community These "Rural Development Head- quarters" will be utilised, in the first instance, for the training of demobilised soldiers in agriculture and allied industries such trainees on the completion of their training period being used as rural reconstruction agents in their villages

2 In the first instance it is proposed to establish Rural Development Head- quarters" in the main recruiting areas of the Province and thereafter to extend the establishment of such institutions until each district of the Province is provided for In the first year, the Rural Development Headquarters will be established in the Satara and Ratnagiri districts Subsequent extension of such institutions in the succeeding four years will be carried out in co ordination with the needs of demobilised soldiers and in accordance with the general expansion of Government's of Post war Development in the districts if the scheme proves a success

3 It is also proposed to establish an Industries Section at these headquarters

4 The details of the scheme are under discussion and have not yet been finally approved by Government.

SCHEME No. 79

1 *Department* —Agriculture

2 *Scheme* —Establishment of taluka demonstration centres in selected villages

3 *Brief description of the scheme* —To acquaint cultivators with mode[illegible] ments in agriculture and the use of improved seed [illegible] demonstrations on their own lands [illegible] opened in selected [illegible] ove- [illegible] ical [illegible] een [illegible] ads [illegible] ng [illegible] ing [illegible] ator in cultivating the land [illegible] tioned at each centre to give all possible assistance to the [illegible] ated free by the Agricultural Department The produce of the land so cultivated remains the property of the land owner A small seed and implement depot is opened at each demonstration centre for the convenience of neighbouring cultivators and also as a centre for the supply of improved seed implements etc at the cheapest possible rates Under the post-war reconstruction scheme it is proposed to increase the existing number of taluka demonstration centres by 260 in five years in the concentrated areas of this Province

4 *Areas selected for application* —Concentrated areas, viz, Belgaum Bijapur Surat and Satara districts and parts of Poona Sholapur Ahmednagar, Kolaba and Ratnagiri districts

5 *Other Departments concerned* —Revenue Public Works and Military departments

6 Upper staff for planning and or execution of the scheme 7 Lower staff for planning and/or execution of the scheme	A trained Kamgar in the scale of Rs 30—35—5/2—60 is necessary for each centre

The figures of expenditure for each Taluka Demonstration Centre are as follows —

Non recurring expenditure

	Rs
(i) For purchase of implements	425
(ii) For purchase of furniture	75
Total	500

Recurring expenditure

(i) Pay of kamgar at Rs 30 per month (Rs 30—35—5/2—60)	360
(ii) Dearness allowance	132
(iii) Contingencies—	
(a) Office expenses and miscellaneous	30
(b) Rent, Rates and Taxes	7[illegible]
(c) Repairs to dead stock	[illegible]0
(d) Supply of seed manures etc	[illegible]0
(e) Bonus to cultivators	100
Total	831

8 *How staff to be obtained* —From personnel to be trained in departmental training [illegible]tres. Returned soldiers can be employed as Kamgars after training

Rough estimates of cost at existing rates for each year of the First Five year [illegible]—

	First year	Second year	Third year	Fourth year	Fifth year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
[illegible]apital	26,000	26,000	20,000	26,000	[illegible]	1,30,000
[illegible]ecurring	44,000	91,000	1,37,000*	1,88,000	[illegible]	[illegible]
Total	70,000	1,17,000	1,63,000	2,14,000	2,12,000	8,26,000

[illegible]) *To what extent is the scheme productive and/or cost recoverable* —Not [illegible]ductive

[illegible] *Nature of material, machinery etc needed from*—

(*a*) *abroad* —Typewriters and other office equipment

(*b*) *locally* —Agricultural implements

12 *Any other remarks or information*—

SCHEME No. 81.

1 *Department*—Agricultural

2 *Scheme*—Land Development and Improvement (Scarcity Areas)

3 *Brief description of scheme*—Provides for the progressive and permane improvement and development of agricultural, forest and waste lands in the distri of the Province most liable to famine and scarcity conditions by the extension land development and improvement works designed to check soil erosion and ensure that the fullest use is made of available rainfall in crop production Su works include large scale contour bunding on units of complete water-sheds, gu plugging and, on forest and wastelands, contour trenching and re-afforestati In addition, scientific methods of dry farming, based upon the successful results experimental work carried out at the Dry Farming Research Stations at Sholap and Bijapur will be introduced and extended over the contour bunded cultivat areas within the Scheme In short, the projects contemplated under the Sche are designed to obtain more assured and better crop production by the adopti of anti erosion measures and by the widespread extension of cultural and ot re for crop use

d Development Section of the Agricultu Government includes provision for t reorganisation of that Section in order to carry out a programme of la development and improvement work over 5 lakh acres as under —

Bijapur district	2 lakh acres
Dharwar and Belgaum districts	1 lakh acres
Sholapur district	1 lakh acres
Poona, Ahmednagar and Satara districts	1 lakh acres
Total	5 lakh acres

Under the Scheme it is intended to intensify this work during the period 1944- to 1948 49 so as to increase the acreage under land development works to at lea 10 lakh acres per annum by the end of that quinquennium and, in particular,

measures taken for the protection and maintenance of such areas

4 *Areas selected for application*—Mainly the districts of Bijapur and easte portions of Belgaum and Dharwar districts in the Southern Division and the distric of Poona, Ahmednagar, Sholapur and Satara in the Deccan (Central Division)

5. *Other Departments concerned*—(a) *Revenue Department*—For the selection suitable areas in the districts mentioned above for the commencement of lan development projects and for the preparation of revised records of rights, etc, o developed areas

of dry farming methods on the cultivable lands and the protection of young tre growth on forest and waste lands within a project area

(c) *Forest Department*—For assistance in the provision of supervisory staff and staff required for re-afforestation work and the protection of re-afforestated areas.

6 *and* 7 *staff for planning and/or execution of the scheme*—No distinction need be made between staff required for (a) preparation of plans and estimates and (b) execution of the Scheme

The staff requirements given below are based upon a programme of land developments as under —

1st year	5 lakh acres
2nd year	6 lakh acres
3rd year	8 lakh acres
4th year	9 lakh acres
5th year	10 lakh acres

With regard to the 1st year i e 5 lakh acres, it is anticipated that the staff sanctioned by Government will be adequate and it is expected that practically the ' of this sanctioned staff will be brought up to strength in the next financial ie 1944-45 with the possible exception of the Forestry establishment i e, 2 Sub-divisional officers, Forest Department, 10 Forest Rangers, 30 Foresters and 60 Forest Guards

The *additional* staff which, it is estimated, will have to be recruited in the 2nd to 5th year of the scheme is shown below —

	2nd year	3rd year	4th year	5th year	Total
Upper staff—					
Gazetted staff—					
(1) *Specialist or Class I*—(Rs 300—20—420—30—660—40—900) Land Development Officers etc	1	2			3
(2) *Class II*—(Rs 170—10—250—15—400—20—500) Assistant Land Development Officer	1	2	1	1	5
Survey Engineers	2	4	2	2	10
Dry Farming Officers	4	8	4	4	[illegible]
Non-gazetted staff—					
(1) *Graduates or diploma holders—*					
Senior Surveyors (Rs 160—10—260)	3	5	3	3	14
Assistant Senior Surveyors (Rs 110—8—150)	5	9	5	5	24
Assistant Dry Farming Officers (Rs 160—10—260)	5	9	5	[illegible]	24
Sub divisional officers Finance Department (Rs 235—15—400—20—500)	1	2			3
Lower staff—					
(a) *Non graduate but trained—*					
Junior Surveyors (Rs 70—5—100)	16	30	16	16	78
Dry Farming Assistants (Rs 110—8—150 or 70—5—100)	28	56	28	28	140
Bunding Sub overseers (Rs 50—5/2—100)	36	[illegible]	36	36	180
(b) *Other technical staff—*					
Khallasis (Rs 15)	28	[illegible]	[illegible]	28	136
Tracers (field) (Rs 50—5/2—100)	10	20	10	10	50
Dry Farming Kamgars (Rs 70—5 2—100)	56	112	56	56	250
Forest Rangers (Rs 80—5—125—5—150)	4	8	4	4	[illegible]
Foresters (Rs 30—1—40—45—50—60)	18	34	18	18	88
Forest Guards (Rs 15—1/2—20—25)	36	68	36	30	176
Malis (Rs 20—1—40)	1	2	1	1	5
Clerical and office staff—					
Senior clerks (Rs. 90—5/2—115)	3	6			9
Junior clerks (Rs 25—5/2—55)	11	25	7	7	50
Draughtsman (Rs 80—5—130)	1	2	1	1	5
Tracers (office) (Rs 50—5 2—100)	10	18	6	[illegible]	
Peons (Rs 14)	10	[illegible]	[illegible]	[illegible]	

8 *How staff to be obtained* —The additional gazetted staff required under the Scheme will be obtained (*a*) by promotion within the existing staff of the Land Development Section or (*b*) by direct recruitment of specially qualified candidates after advertisement It is possible that some of these posts might be filled by officers of the engineering branches of the military forces The non gazetted staff of graduates and/or diploma holders will require to be obtained by (*a*) promotion within existing cadres and (*b*) direct recruitment of graduates who have passed out well from the Agricultural or to increase the number of st also could be filled up from training

The non graduate, but trained, staff will be mainly provided from (*a*) promotion with existing cadres and (*b*) students who complete successfully the courses of training for Bunding Sub overseers now in progress at Bijapur. It is also proposed ... itable candidates for ... l have to be recruited ... , with regard to forest personnel, it is anticipated that a large number may be available at the end of hostilities on the reduction of the expanded Forest Department personnel Arrangements are also being made to train forest staff Ex soldiers from field engineering units would be suitable for appointment as Khallasis, dry farming kamgars and foresters after short periods of training The clerical and office staff can be procured to some extent by promotion in existing cadres within the Department but the majority will have to be recruited by advertisement Peons may be available from demobilised military personnel and tracers from the Military Works Department on reduction of personnel after the end of the war

9. *Rough estimate of cost at existing rates for each year of the first Five year Plan* —

	1st year	2nd year	3rd year	4th year	5th year	Total
A *Capital*—						
(*a*) Cost of land development works based upon estimated expenditure of Rs 12 per annum	60,00,000	72 00 000	96,00,000	1,08 00,000	1,20 00,000	4,56 00 000
(*b*) Tools, instruments, etc	6,35,000	1,50,000	4,00,000	5 00,000	6,50,000	23 35,000
B *Recurring*—						
(*a*) Pay of staff—						
1 Present sanctioned staff	7,00,000	8 00,000	8,50,000	9,00,000	9,50,000	42 00 000
2 Additional staff proposed in 2nd 4th year of Scheme		2,50,000	6 50 000	7,50 000	8 50 000	25 00 000
(*b*) Allowances of staff under (*a*) 1 and 2 above	3 00,000	4,00,000	6,00,000	7 50,000	8,50,000	29 00,000
(*c*) Contingent expenditure	50,000	75,000	1,20 000	1,20 000	1,20 000	4 85 000
(*d*) Training charges	60,000	60,000	60 000	60,000	60,000	3 00 000
Total Capital*	66 35,000	73 50 000	1,00 00,000	1,13 00 000	1,26,50 000	4,79 35 000
Recurring	11,10,000	15,85,000	22,80,000	25,80,000	28,30,000	1,03 85 000
Grand Total	77,45,000	89,35,000	1,22,80,000	1,38,80,000	1,54,80 000	5 83,20 000

* ... to be ... hat the ... in year ... 1 may

0 *To (?) it extent is the Scheme productive and/or cost recoverable* —As indicated 75 per cent of the capital cost incurred in 1944 45 will be recovered from the owners by instalments over a period of 12 years (free of interest) What ion of the cost of succeeding years should be recovered will be decided

eme will be indirectly productive to a very considerable extent by ensuring ... in the scarcity areas"

eloped areas At a conse
on the areas developed under the ...

11 *Nature of materials machinery etc needed from*
(a) *abroad* —Surveying instruments levels etc office equipment, e g type writers
(b) *locally* —Tools for digging etc pawlas, pickaxes, etc dry farming ...ts building materials for gully plugging, corrugated iron etc Office furniture and training equipment

12 *Any other remarks or information* This Scheme is proposed for a 5 year ... of which the first year is 1944 45 Government have sanctioned a sum of 70 lakhs for land development work in the Province in 1944 45 No additional ... is proposed until the 2nd year of the Scheme as the present sanctioned is considered adequate for the programme of work contemplated in the 1st i e, 5 lakh acres in 1944 45

SCHEME No. 82.

1 *Department*—Agricultural

2 *Scheme*—Land Development and Improvement (Heavy Rainfall Areas)

3 *Brief description of scheme*—Provides for the progressive and permanent improvement and development of agricultural, forest and waste lands in the Konkan areas of the Province by land improvement measures e g contour bunding trenching and/or terracing of hill slopes, combined with strip afforestation and gully plugging on hill sides and sloping areas in order to check the rapid run off of rain water and, as a result to increase and prolong the water-holding capacity of the higher lands prevent erosion and facilitate the conversion of lower (varkhas) lands for extended cultivation or, possibly, double cropping The scheme also provides for the reclamation of land for crop cultivation in selected coastal tracts where such work is found to be practicable

It will be noted that this type of work is at present in the experimental stage and future extension must depend upon the results obtained from the experimental work which it is proposed to carry out in Ratnagiri district in 1944–45 For the purposes of this Scheme, however, it is assumed that the results of the experimental work will be satisfactory and that future extension of the work will be carried on in succeeding years over a 5 year programme, the area under development being increased each year on the basis of the results obtained during the first year's experimentation It is not possible at the present time, to form any accurate estimate of the acreage under development during each of the 5 years for which the Scheme is framed but provision is made for an additional Survey Party, with necessary contingent expenditure etc , being employed each year on Land development work in the high rainfall areas A lump sum provision of Rs 20 lakhs is provided for work in connection with the reclamation of coastal areas which forms part of the Scheme during the 5 year period over which it is phased

4 *Areas selected for application*—The Konkan tract of the Province and, in particular the district of Ratnagiri Reclamation of coastal areas will largely be done in Kolaba and Bombay Suburban Districts

5 *Other Departments concerned—Revenue Department*—In regard to the selection of suitable sites for (*a*) land development projects and (*b*) for areas in which work on the reclamation of coastal lands can be carried out In addition, the assistance of the Revenue Department will be needed in connection with adjustments in existing land tenure systems to ensure that the actual cultivators of the areas under development secure the benefits of such work as may be carried out under the Scheme

Forest Department—For assistance in the provision of supervisory staff and staff required for afforestation work and for maintenance of reafforested areas

6 *and* 7 *Staff for planning and/or execution of the scheme*—No distinction need be made between staff required for (*a*) preparation of plans and estimates and (*b*) execution of Scheme

In the first year of the Scheme provision has already been made for one 'Survey Party' for land development work in the Konkan areas The staff requirements indicated below provide for the addition of one more "Survey Party"* for each year [illegible] in addition a separate

1 Assistant Senior Surveyor
3 Junior Surveyors
4 Khalasis
6 Bunding Overseers
1 Tracer

.. The additional staff to be recruited in the 2nd to 5th year of the Scheme below —

—	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs
Upper staff—					
(a) *Gazetted staff—*					
1 Specialist or Class I (Rs 300—20—420—30—600—40—800) Land Development Officer	1				1
2 *Class II* (Rs 170—10—250—15—400—20—500) Assistant Land Development Officers	1		1		2
Survey Engineers	1	1		1	3
(b) *Non gazetted staff—*					
Graduates or diploma holders Senior Surveyors (Rs 160—10—260)	2	1	2	1	6
Assistant Senior Surveyors (Rs 110—8—150)	2	1	2	1	6
Lower staff—					
(a) Non graduate but trained—					
1 Junior Surveyors (Rs 70—5—100)	6	3	6	3	18
2 Bunding sub overseers (Rs 50—5/2—100)	12	6	12	6	36
(b) *Other technical staff—*					
1 Khalasis (Rs 15)	8	4	8	4	24
2 Tracers (field) (Rs 50—5/2—100)	2	1	2	1	6
3 Forest Rangers (Rs 80—5—120—5—150)	1		1		2
4 Foresters (Rs 30—1—40—45—50—60)	4	2	4	2	12
5 Forest Guards (Rs 15—1/2—20—25)	8	4	8	4	24
C *Clerical and office staff—*					
Senior clerks (Rs 90—5/2—115)	1		1		2
Junior clerks (Rs 25—5/2—55)	6	2	2		10
Draughtsman (Rs 80—5—130)	1		1		2
Tracers (office) (Rs 50—5/2—100)	2	1	2	1	6
Peons (Rs 14)	8	2	2	2	14

8. *How staff to be obtained.*—The upper staff required will have to be provi in the main by promotions within the existing cadres of the Land Developm Section of the Agricultural Department although it may be necessary to fil percentage of posts by direct recruitment. The lower staff will mainly be fi by trainees from the Bunding Overseers' Training Courses and by direct recr ment It is also proposed to start a Dry Farming Training centre to train s and candidates in dry farming methods. It is anticipated that ex soldiers, a training, can be utilised in several of the lower grade appointments e g. bund sub overseers, Khallasis etc. Forest staff will have to be obtained from the Fo Department and clerical and office staff by direct recruitment Ex members clerical establishments under the military will be suitable for such appointme Arrangements are being made to train forest staff and increase the number students at the Engineering College, Poona

9 *Rough estimates of cost at existing rates for each year of the first five y plan* —

— —	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) *Capital*—						
(a) Cost of land* development works	1,70 000		10 00 000			11 70 0
(b) Cost of coastal* reclamation work			12,00,000			12 00 0
(c) Miscellaneous equipment etc		20 000	10,000	20,000	10,000	60 0
(b) *Recurring*—						
(a) Pay of Staff	†	80,000	1,06,000	1,50,000	2 31,000	5,70 0
(b) Allowances of staff	†	49 000	60,000	93,000	94,000	2 6 0
(c) Contingencies	†	11,000	8 000	8 000	8,000	35 0

Total—Capital	24,30,000
Recurring	9,01,000
Grand Total	33 31,000

†Provided for in proposals for expansion of Land Development Section submitted to Governme under Director of Agriculture's letter No S 20, dated 9th October 1943 and included Rs 7,00,000 under "Staff" in Scheme No 67 i e, Land Development and Improvement (Scarc Areas).

10 *To what extent is the scheme productive and/or cost recoverable*—The total of the Scheme in the 1st year is to be borne by Government. Recoveries of [illegible] regarding what part, if any, of cost of land development and/or reclamation works is to be recovered from the land owners or other benefitting from such works. It will not be possible to consider this matter until costs of land development and land reclamation works are available on the basis of the 1st year's experimental projects.

11 *Nature of material machinery etc needed from*—

(a) *Abroad*—Surveying instruments levels etc office equipment typewriters etc.

(b) *Locally*—Tools for digging etc pawlas pickaxes etc building materials corrugated iron, etc Furniture and office equipment.

12 *Any other remarks or information*—Proposals for the 1st year of the Scheme ve already been received and sanctioned by Government.

The provision made for capital expenditure is purely tentative and will require be revised in the light of the experience gained in the 1st year's experimental rking under the Scheme.

SCHEME No. 83.

1 *Department* —Co operative

2 *Scheme* —Marketing Development work, *viz*, (1) Regulated Markets a (2) Co operative Marketing

3 *Brief description of the scheme* —The scheme visualises the establishment a net work of regulated markets in the concentrated areas mentioned in Colum and formation of co operative sale societies for every regulated market It proposed to organise about 32 such markets during the first 5 years of the p war period A list of places where these markets are proposed to be establis and the commodities to be regulated is appended hereto The marketing machin that is existing in this Province at present functions more in the interest of trad and middle men than in the interest of primary producers The regulation this machinery is expected to enable the primary producers to realise better retu for their produce

in
of
with the market committee in the introduction of the essential marketing refor and it is desirable to have such an organisation to fall back in case the trade oppose any—measures for regulation of trades

4 *Areas selected for application* —Concentrated areas consisting of —

(i) SATARA—All talukas

(ii) POONA Indapur taluka and Dhond and Sirur petas

(iii) SHOLAPUR—Karmala Sangola, Malsiras and Pandharpur talukas

(iv) AHMEDNAGAR Newasa Kopergaon, Rahuri, Ahmednagar, Parne and Shrigonda talukas and Karjat peta

(v) KOLABA—Mahad, Mangaon and Roha talukas

(vi) RATNAGIRI—All talukas except Vengurla peta

(vii) BELGAUM—All talukas
Bijapur and Surat districts

5 *Other Departments to be consulted* – The Agricultural and the Public Work Departments

6 *Upper staff for planning and/or execution of the scheme* —10 Marketin Inspectors (3 in the grade of Rs 160—10—260 and 7 in the grade of Rs 100-110—8—150)

10 Clerks (Rs 2—5/2—55)
32 Secretaries (Rs 80—5—100) for market committees
32 Managers (Rs 75—5—100) for co operative sale societies

Lower staff for planning and/or execution of the scheme —

10 Drivers (Rs 30 per mensem)
32 Watchmen (Rs 14 per mensem)
10 Peons (Rs 14 per mensem)

8 *How staff to be obtained* —Generally from the ex military employees to be trained by the Chief Marketing Officer with the assistance of the Assistant Market ing Officers, On reversion from the Supply Department about half the number would be available for appointment as Marketing Inspectors

9. *Rough estimates of cost at existing rates for each year of the First Five Year* —

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
Capital (*for purchase of lorries*)	[illegible] 880	31 [illegible] 0	11 [illegible]	[illegible] 000		11 [illegible] 00
Recurring	10 [illegible]	6 [illegible]	[illegible]	31 [illegible]	56 [illegible]	[illegible] 81 010
Total	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

10. *To what extent is the scheme productive and/or cost recoverable* —Non productive Cost not recoverable

11. *Nature of materials, machinery etc needed from* —

(*a*) *Abroad* —40 lorries refrigerators plants etc

(*b*) *Locally* —

12. *Any other remarks or information* —The existing staff which consists of 10 [Mar]keting Inspectors will have to be increased so as to enable them to cope with [th]e increase of work in the districts The Divisional Deputy Registrars who have [be]en separately proposed will also have to be delegated with powers under the [Ag]ricultural Produce Markets Act and provided with a Marketing Inspector each [to] assist them

It is noticed that in the absence of trained secretaries the Market Committees [do] not function properly Provision is therefore made for the secretarial staff [of] the market committee In the first year of appointment the entire cost of [the]se secretaries may be borne by Government and in the next two years Govern[me]nt may agree to bear 25 per cent of the cost

The Market Committees will also require watchmen who could be recruited from [am]ongst the demobilised soldiers It is proposed that the salaries of these watch[men] should be Rs 14 per mensem each and that Government may bear the entire [cos]t for the first year and ¼th of this cost for the next two years

[E]fficient functioning of the market committees would necessitate construction [of] godowns at the rate of 3 to 4 godowns for each market committee It is [esti]mated that about 90 [illegible] for the 32 market committees to [be e]stablished in the con[illegible]

Rs 5 000 A sum o[illegible]

godowns The entir[illegible]

loans to the market [illegible]

[Th]e loans may be made payable in 20 annual instalments

The proposed sale societies or purchase and sale unions will have to be provided with a Manager each The Managers could be recruited from the Purchase or Accounts Section of the Military Establishment The scale of pay for a Manager should be Rs 75—5—100 It is proposed that the entire cost in the first year of appointment may be borne by Government and that in the second or third year, only ¼th cost should be borne by Government Some of the co-operative societies [in] collecting vegetables for sale would require lorries in order to do their work efficiently Assuming that 10 lorries will be required by the societies it may be possible to absorb 10 men who may be ex military drivers It is proposed that Government may bear 50 per cent of the cost of these drivers for a period of two years and supply lorries gratis

List of markets to be regulated in the concentrated areas after the war

District	Name of markets to be regulated	Commodities to be regulated	god… for m…
1	2	3	
KOLABA	1 Mahad	Paddy and rice	
SHOLAPUR	1 Kurduwadi	Jawar and cotton	
	2 Pandharpur	Jowar cotton groundnut and safflower	
	3 Karmala	Jowar and cotton	
	4 Sangola	Bajri and eggs	
	5 Akluj	Jowar and gul	
SATARA	1 Karad and Umbraj (already regulated)	Groundnut gul turmeric and corriander	
	2 Mhaswad	Cattle hides and skins	
	3 Takari	Groundnut gul and turmeric	
	4 Lonand	Onions and jowar	
	5 Koregaon	Jowar	
AHMEDNAGAR	1 Ahmednagar	Jowar Bajri and wheat	
	2 Kopergaon	Gul gram and wheat	
	3 Belapur	Gul and mosambis	
	4 Rahuri	Jowar and mosambis	
	5 Wamboii	Cotton, Bajri jowar wheat and gram	
BELGAUM	1 Nipani	Tobacco and gul	
	2 Sankeshwar	Gul and chillies	
	3 Bailhongal (already regulated)	Cotton and groundnut	
	4 Athani	Cotton, jowar and groundnut	
	5 Chandgad	Paddy	
	6 Gokak	Cotton jowar groundnut and gul	
	7 Belgaum	Vegetables	
BIJAPUR	1 Bijapur and Indi (already regulated)	Cotton groundnut jowar, safflower wheat and linseed	
	2 Bagalkot and Badami	Cotton groundnut, jowar and wheat	
SURAT	1 Surat	Cotton vegetables sheeps and goats pulses and castor seed.	
	2 Bardoli	Cotton and jowar	
	3 Bulsar	Paddy rice and gul	
	4 Chikhali	Rice	
	5 Olpad	Wheat and jowar	
POONA	1 Indapur	Jowar and gul	
	2 Dhond	Jowar	
	3 Shirur	Do	

SCHEME No. 84.

1 *Department* —Co operative.

2 *Scheme* —Societies for consolidation of holdings.

3 *Brief description of scheme* —The scattered nature of agricultural holdings is great handicap in effecting agricultural improvements and is one of the major for the deficit economy of the bulk of the agriculturists. The need for idation has been recognized on all hands but the problem is complicated on t of Hindu and Mohamedan Laws of Inheritance and the sentimental attach- of the cultivator to his inherited units of lands

Considerable amount of spade work and propaganda would, therefore, be necessary ore the agriculturists' minds are prepared to respond to any scheme of consolida- , and even then the success of the scheme cannot be guaranteed The scheme, even if partially successful, will have educative value and may prepare the d for later legislative action

The scheme visualises the organisation of co operative societies for consolidation holdings in the concentrated areas mentioned in Column 4 To start with, will be made to organise societies in certain selected talukas out of ntrated areas, particularly in areas, where the co operative movement has n a firm root At the outset it would be necessary to train the higher staff for work and post them in the concentrated areas for carrying on y surveys Once the preliminary survey is over, attempts would be made organise 50 societies in the first year after the war, 100 in the second year and 200 the third The target for 15 years is 1,000 societies

4 *Areas selected for application* —Concentrated areas consisting of—

(i) SATARA—All talukas

(ii) POONA—Indapur taluka and Dhond and Sirur Petas

(iii) SHOLAPUR—Karmala, Sangola, Malsiras and Pandharpur talukas

(iv) AHMEDNAGAR—Newasa, Kopergaon, Rahuri, Ahmednagar, Parner and Shrigonda talukas and Karjat Peta

(v) KOLABA—Mahad, Mangaon and Roha talukas.

(vi) RATNAGIRI—All talukas except Vengurla Peta

(vii) BELGAUM, BIJAPUR AND SURAT DISTRICTS —All talukas

5. *Other departments to be consulted* —Department of Agriculture, Land Records d Revenue

6 *Upper staff for planning and/or execution of scheme* —One Assistant Registrar Class II service in the scale of Rs 235—500

7 *Lower staff for planning and/or execution of scheme* —6 District Co operative

ent or Land Records
epartment.

As regards District Co operative Officers, it would be possible to recruit half t' number from the existing staff of the Department and the remaining may have to recruited from the Land Records Department or from the ranks of Aval Karku in the Revenue Department

As regards Assistant District Co operative Officers, they will have to be sem Talatis, if available, from the Revenue Department Suitable ex soldiers cou also be recruited and trained

9 *Rough estimates of cost at existing rates for each year of the first five ye plan* —

——		1st year	2nd year	3rd year	4th year	5th year	Total
		Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital		4 000					4 000
(b) Recurring		79 540	80 080	83 620	84 160	87 880	4 1[illegible]
	Total	83 540	80 080	83 620	84 160	87 850	4 19 [illegible]50

[illegible]le — The schem [illegible]le to recover pa[illegible]

11 *Nature of materials, machinery, etc, needed from*—

(a) *abroad* —

(b) *locally* —

12 *Any other remarks or information* —The societies would also require financi assistance by way of grants on the lines of grants to better farming societies f implements seed, etc It would be useful if taluka demonstration centres a opened in the centres selected for consolidation of holdings or these villages give priority for introducing model projects or making them model villages

The staff proposed would require thorough training Apart from training in th province, the Assistant Registrar and District Co operative Officers will have to b given training for 4 months—2 months in the Punjab, where the emphasis will b on the co-operative organisations and for another two months in C P, where th District Co operative Officers should be able to study the system of keepin accounts and maintenance of registers in Marathi

The staff consisting of District Co operative Officers will have to be placed fo duty for survey work for one year before attempts could be made to organise th societies

The details of the scheme have not yet been approved by Government

SCHEME No. 85.

1 *Department*—Civil Veterinary

2 *Scheme*—Maintenance of Veterinary dispensaries in the concentrated areas

3 *Brief description of the scheme*—The Royal Commission on Agriculture in estimated that if contagious diseases of cattle are to be properly controlled, should be one Veterinary Assistant Surgeon for every 25 000 head of cattle. huge expansion of the Veterinary Department is not yet possible for several For the present it is proposed to provide one Veterinary dispensary in each ...ka and peta where there is none and to open one dispensary for every 25 000 of cattle in the areas selected for concentrated efforts Accordingly in the year of the scheme 18 dispensaries will be opened in the concentrated areas, will be opened in the rest of the Province in the second year and 83 more will be opened in the concentrated areas during the last 3 years.

4 *Areas selected for application*—Concentrated areas mainly.

5 *Other Departments concerned*—

6 *Upper staff for planning and/or execution of the scheme*—See Scheme No 29

7 *Lower staff for planning and/or execution of the scheme*—

129 Veterinary Assistant Surgeons
387 Dressers and attendants

How staff to be obtained—

Veterinary Assistant Surgeons—By recruitment from graduates of the Bombay Veterinary College and from veterinarians released from Army

Dressers and attendants—Both by recruitment locally and from amongst the demobilised soldiers

9 *Rough estimates of cost at existing rates for each year of the First Five Year Plan*—

—	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	25 200	39 200	39 200	39 200	38 800	1 81 600
(b) Recurring	45 792	1 01 184	1 76 806	2 72 208	3 49 636	9 44 676
Total	70 992	1 40 384	2 16 006	3 11 408	3 87 436	11 26 276

10 *To what extent is the scheme productive and/or cost recoverable*—Non productive

11 *Nature of material, machinery, etc, needed from*—

(a) *abroad*—

(b) *locally*—Medicines, instruments, etc

12 *Any other remarks or information*—

SCHEME No. 86.

1 *Department* —Civil Veterinary

2 *Scheme* —Conversion of certain number of Veterinary Dispensarie itinerating Veterinary Dispensaries

3 *Brief description of the scheme* —A stationary dispensary serves a very la area and in cases of emergency the staff cannot be transferred easily from district to another nor is the reserve force sufficient to form a mobile corp disease control It is proposed that at least 50 per cent of the dispensaries be verted to itinerating institutions the Veterinary Assistant Surgeons being pro with a motor cycle and side car fitted up with necessary drugs and applia There will be 100 mobile dispensaries at the end of the first five year plan

4 *Areas selected for application* —The whole Province

5 *Other Departments to be consulted* —

6 *Upper staff for planning and/or execution of the scheme* —

7 *Lower staff for planning and/or execution of the scheme* —

8 *How staff to be obtained* —

9 *Rough estimate of cost at existing rates for each year of the first five year pl*

—	1st year	2nd year	3rd year	4th year	5th year	To[illegible]
	Rs	Rs	Rs	Rs	Rs	[illegible]
(a) Capital	24 000	24 000	24 000	24 000	24 000	1[illegible]
(b) Recurring	15 200	30 640	46 3[illegible]0	6[illegible] [illegible]40	8 400	[illegible]3[illegible]
Total	39 [illegible]00	54 640	70 3 0	86 240	1 0[illegible] 400	3 [illegible] 800

10 *To what extent is the scheme productive and/or cost recoverable* —Non produc tive

11 *Nature of materials machinery, etc needed from*—

(a) *abroad*—One hundred motor cycles and box side cars

(b) *locally*—

12 *Any other remarks or information* —

SCHEME No. 87.

1 *Department*—Civil Veterinary.

2 *Scheme*—Extension of dipping operations

3. *Brief description of the scheme.*—Ticks are a menace to cattle improvement in large tracts . . . . . . to the hides . . . . . . stock and it is . . . . . . in Maval and Konkan areas It has been decided that 5 be opened each year over a period of 5 years

4 *Areas selected for application*—Maval area the Ratnagiri district and Mahad, Mangaon and Roha talukas of the Kolaba district

5 *Other Departments concerned*—

6 *Upper staff for planning and or execution of the scheme*—

7 *Lower staff for planning and or execution of the scheme*—

Veterinary Assistant Surgeons attached to the nearest veterinary dispensaries will be placed in charge of these tanks and will be given special pay at Rs 10 per mensem for each tank

25 Attendants on a pay of Rs 10 per mensem each

8 *How staff to be obtained*—By recruitment

9 *Rough estimates of cost at existing rates for each year of the First Five-Year Plan*—

—	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	5 000	5 000	5,000	5 000	5 000	25 000
(b) Recurring	3,000	6 000	9 000	12 000	15,000	45 000
Total	8 000	11 000	14 000	17,000	20 000	70,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Non-productive.

11. *Nature of material, machinery, etc, needed from*—
(a) *abroad*—Dipping solution
(b) *locally*—

12 *Any other remarks or information*— ..

SCHEME No. 88

1 *Department* —Forest

2 *Scheme* – Improvement of denuded areas

3 *Brief description of the scheme* —Improvement of denuded and croded areas. Forest proper Forests in charged Revenue Department to be returned to Forest Department and possibly some afforestment of waste lands

4 *Areas selected for application* —(i) Satara, (ii) Poona (Indapur taluka and Dhond and Shirur pethas), (iii) Sholapur (Karmala, Sangola Malsiras and Pandharpur Talukas), (iv) Ahmednagar (Newasa, Kopargaon, Rahuri, Ahmednagar Parner and Shrigonda talukas and Karjat peta), (v) Kolaba (Mahad Mangaon and Roha talukas except Vengurla Peta), (vi) Belgaum Bijapur and Surat district.

5 *Other Departments concerned* —Agricultural Branch (Land Development Section)

6 *Upper Staff* —

Gazetted Staff

1 Divisional Forest Officer, Ahmednagar, on Rs 300—20—420— E B —30— 660— E B —40— 900 *plus* P T A of Rs 160 per mensem

1 Divisional Forest Officer, Ratnagiri, on Rs 300—20 420— E B —30— 660— E B —40—900 *plus* P T A of Rs 160 per mensem

1 Assistant to the Divisional Forest Officer, Poona, on Rs 235—15—40—20—500 *plus* P T A of Rs 75 per mensem

1 Assistant to the Divisional Forest Officer, Satara, on Rs 235—15—400—20—500 *plus* P T A of Rs 75 per mensem

1 Assistant to the Divisional Forest Officer East Nasik, on Rs 235—15—400—20—500 *plus* P T A of Rs 75 per mensem

7 *Lower Staff*—

AHMEDNAGAR DIVISION

1 Head Clerk on Rs 95—5—125—E B —135—5—160
1 Clerk on Rs 60—5/2—75
2 Clerks on Rs 25—5/2—55 each
6 Rangers on Rs 80—5—125—E B —5—150 each *plus* P T A of Rs 30 each
6 Foresters on Rs 30—1—40 each
5 Forest guards on Rs 25 each
25 Forest guards on Rs 15—½—20 each

Inferior Staff

1 Naik on Rs 17
1 Peon on Rs 15.
3 Peons on Rs 14 each

RATNAGIRI DIVISION

1 Head Clerk on Rs 95—5—125—E B —135—160
1 Clerk on Rs 60—5/2—75
2 Clerks on Rs 25—5/2—55 each
6 Rangers on Rs 80—5—125 E B —5—150 each *plus* P T A of Rs 30 each
6 Foresters on Rs 30—1—40 each
5 Forest Guards on Rs 25 each
25 Forest guards on Rs 15—½—20 each

Inferior staff

1 Naik on Rs 17
1 Peon on Rs 15
3 Peon on Rs 14 each

POONA DIVISION

Protective staff

2 Rangers on Rs 80—5—125—E B —5—150 *plus* P T A of Rs 30 per mensem each

Inferior staff

2 Peons on Rs 17 per mensem each

SATARA DIVISION

Protective Establishment

2 Rangers on Rs 80—5—125—E B —5—150 *plus* P T A of Rs 30 per mensem each

Inferior staff

2 Peons on Rs 14 per mensem each

EAST NASIK DIVISION

Protective Staff

2 Rangers on Rs 80—5 125—5—150 *plus* P T A of Rs 30 per mensem each

Inferior Staff

2 Peons on Rs 14 per mensem each

8 *How staff to be obtained* – From extra appointments made for war supply work available as soon as war supply is over or curtailed but it will be necessary to make further recruitment to fill up vacancies in Bombay Forest Service Class II caused by retirement during the next 5 years by (*a*) promotion of selected rangers and (*b*) by direct recruitment for training at Dehra Dun A limited number of war vacancies is likely to be available in the lower staff say 4 for appointment in the clerical grades, 7 in the peons' grade and 39 in the protective line

9. *Rough estimates of cost at existing rates for each year of the first Five-Year Pla*

	1st year	2nd year	3rd year	4th year	5th year	Tot
	Rs	Rs	Rs	Rs	Rs	I
(a) Capital	4,49,240	4,49 240	4,49,240	4,49,240	4 49,240	22,46
(b) Recurring (Average)	95 500	95,500	95 500	95,500	95,500	4,77
						27,23,

10 *To what extent is the scheme productive or cost recoverable* — The actual fina return from timber and fuel will be very small The direct benefits will be improved grass and grazing, but the greatest return will be indirect and wi obtained from the improved agricultural conditions over the country side as a w

11 *Nature of material machinery needed, etc, from*—

(a) *Abroad* —Nil.

(b) *Locally* — Nil

12 *Any other remarks or information* — Nil

1 *Department* —Medical

2 *Scheme* —Conversion of dispensaries into cottage hospitals

3 *Brief description of the scheme* —With a view to improving medical facilities in rural areas it is proposed to convert 33 dispensaries into cottage hospitals so that with the existing five such cottage hospitals there will be at least two cottage hospitals in each of the 19 districts of the Provinces The cottage hospitals will provide a co-ordinating link between Subsidised Medical Practitioners on one hand and district headquarters hospitals on the other The number of cottage hospitals to be opened in concentrated areas is 16 4 in the 1st year 3 in each of the four subsequent years of the 1st five years of the fifteen years programme

4 *Areas selected for application* —Concentrated areas

5 *Other Departments concerned* —

6 *Upper staff for planning and/or execution of the scheme* —16 Bombay Medical Service Class II Officers on Rs 200—40—3—400 (Probationers Rs 150 for the 1st year and 180 for the 2nd year) *plus* H R A at Rs 25 per mensem

16 Subordinate Medical Service Officers on Rs 60—5—170

32 Nurses in the scale of Rs 30—3—39 *plus* Rs 15 per mensem Ration allowance and Rs 2/8 per mensem uniform allowance

32 Compounders at Rs 25—5/2—70

7 *Lower staff for planning and/or execution of the scheme* —64 ward servants on Rs 15 per mensem each

32 sweepers on Rs 15 per mensem each

16 cooks on Rs 15 per mensem each

8 [illegible] To be recruited from outside sources by advertisement

9

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
Capital	4 [illegible]0 000	3 15 000	3 1[illegible] 000	3 15 000	3 15 000	16 80 000
Recurring	31 600	5[illegible] 300	70 000	1 02 [illegible]00	1 [illegible]6 400	3 9[illegible] 000*
Total	4 51 600	3 [illegible]0 300	3 9[illegible] 000	4 17 [illegible]00	4 41 400	20 [illegible]5 000

For each cottage hospital buildings required are estimated to cost Rs 1 00 000 and equipment at Rs 5 000

*This is exclusive of the expenditure incurred on dispensaries at present vide remark below

10 *To what extent is the scheme productive and/or cost recoverable*—

11 *Nature of material, machinery etc, needed from*—

(*a*) *Abroad* —

(*b*) *Locally* —The hospital equipment will be obtained as far as possible from the military Hospitals after the war

12 *Any other remarks or information* —The dispensaries of local bodies are to be selected for conversion into cottage hospitals, but the cottage hospitals will be entirely controlled by Government and for that purpose an amount equal to the expenditure incurred at present on the dispensaries concerned by the local bodies will be recovered from them.

SCHEME No. 91.

1 *Department* —Medical

2 *Scheme* —Appointment of Nurse midwives

3 *Brief description of the scheme* —The need for trained nursing and skil assistance for midwifery cases especially in rural areas, is universally recogni With a view to meet this need, it is proposed to appoint 24 more nurse midwi in rural areas The appointments are to be spread over a period of five ye as follows —

1st year	5 Nurses
2nd year	5 Nurses
3rd year	5 Nurses
4th year	5 Nurses
5th year	4 Nurses

4 *Areas selected for application* —Concentrated areas

5 *Other Departments concerned* —

6 *Upper staff for planning and/or execution of the scheme* —24 Nurse midwi on a pay of Rs 40 *plus* house rent allowance at Rs 10 per mensem each

7 *Lower staff for planning and/or execution of the scheme* —

8 *How staff to be obtained* —To be recruited by candidates selected after adv tisement, preference being given to those who have served in the Military Dep ment

9 *Rough estimate of cost at existing rates for each year of the first Five Y Plan* —

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital						
(b) Recurring	3 000	6 000	9 000	12 000	14 400	44 4
Total	3 000	6 000	9 000	12 000	14 400	44 4

* Vide remark made below

10 *To what extent is the scheme productive and/or cost recoverable* —

11 *Nature of material machinery, etc, needed from*—

(a) *Abroad*—

(b) *Locally*—

12

... ... ing to scarcity of nurses

SCHEME No. 92.

1 *Department* —Public Health

2 *Scheme*—Improved sanitation and drainage in bigger towns and villages

3 *Brief description of the scheme* —Details of the scheme have not been settled.

4 *Areas selected for application* —

(1) Satara—All talukas

(2) Poona—Indapur taluka and Dhond and Sirur petas

(3) Sholapur—Karmala, Sangola Malsiras and Pandharpur talukas

(4) Ahmednagar—Newasa Kopergaon Rahuri Ahmednagar, Parner and Shrigonda talukas and Karjat peta

(5) Kolaba—Mahad Mangaon and Roha talukas

(6) Ratnagiri—All talukas except Vengurla peta

(7) Belgaum Bijapur and Surat Districts—All talukas

5 *Other Departments concerned* —Public Works Department

6 *Upper staff for planning and/or execution of the scheme* —Some considerable staff will be required for planning and execution but without the extent of the scheme having been settled no estimate can be given

7 *Lower staff for planning and/or execution of the scheme* —*Vide* reply to 6 above

8 *How staff to be obtained* —*Vide* reply to 6 above

9 *Rough estimate of cost at existing rates for each year of the first Five Year Plan* —

	1st year	2nd year	3rd year	4th year	5th year	Total
(a) Capital	In view of reply to (3) above no idea can be given about rough estimate					
(b) Recurring						
Total						

10 *To what extent is the scheme productive and/or cost recoverable* —No information available

11 *Nature of material machinery etc needed from*—

(a) *Abroad* —No information available

(b) *Locally* — Do

12 *Any other remarks or information* —No information available

SCHEME *No.* 93.

1 *Department* —Public Health

2 *Scheme* —Improved Village Water Supply

3 *Brief description of the scheme* —It is proposed to improve village water supply in certain selected areas by digging more wells, improvement of tanks etc where there is shortage of water

4 *Areas selected for application* —

(1) *Satara*—All talukas

(2) *Poona*—Indapur taluka and Dhond and Sirur petas

(3) *Sholapur*—Karmala, Sangola, Malsiras and Pandharpur talukas

(4) *Ahmednagar*—Newasa, Kopergaon, Rahuri, Ahmednagar, Parner and Shrigonda talukas and Karjat Peta

(5) *Kolaba*—Mahad, Mangaon and Roha talukas

(6) *Ratnagiri*—All talukas except Vengurla Peta

(7) *Belgaum Bijapur and Surat Districts* —All talukas

5 *Other Departments concerned* —Public Works Department and Revenue Department so far as action relating to acquirement of sites for wells etc is concerned

6 [illegible]

ment ([illegible]

by the [illegible]

can be done by the local Public Works Department staff and/or the District Local Board Staff

7 *Lower staff for planning and or execution of the scheme* —Public Works Department Overseers and other staff will be required But since the proposals submitted by the Commissioners are not complete estimates cannot be given But some work can be done by the local Public Works Department staff and/or the District Local Board staff

8 *How staff to be obtained* —By qualified engineering staff released by the military or by local recruitment if ordinary Public Works Department staff is unable to cope with the work

9 *Rough estimate of cost at existing rates for each year of the first Five-Year Plan* —

	(a) Capital (Non recurrent)	(b) Recurring	Total
	Rs	Rs	Rs
1st year	10 lakhs		
2nd year	10 lakhs		
3rd year	10 lakhs		
4th year	10 lakhs		
5th year	10 lakhs		
Total	50 00,000		

Note —Full details have yet to be worked out However estimates of projects costing about Rs 67 lakhs were prepared Some projects have been executed Estimate will require revision But roughly a sum of Rs 50 00 000 may be necessary during a period of 5 years Priority will be given to the projects in the concentrated areas

10 *To what extent is the scheme productive and/or cost recoverable* —The scheme will be of immense benefit to villagers

11 *Nature of material, machinery, etc, needed from*—

(a) *Abroad* —Nil

(b) *Locally* —Bricks, lime, cement etc required for wells etc

12 *Any other remarks or information* —Nil

SCHEME No. 94.

1 *Department* —Public Health

2 *Scheme* —Child Welfare and Maternity Centres

3 *Brief description of the scheme* —The proposal deals with creation of Centres for carrying out work in connection with Maternity and Child Welfare in the Districts where District Health Officers are functioning at present or will be appointed. A Lady Assistant Director of Public Health is proposed to be appointed who will supervise the work of all Centres, each Centre being under a Woman Medical Officer under the control of the District Health Officer Four Health Visitors and Eight Midwives will be appointed under the Woman Medical Officer in charge of the Centre. The Health Visitors and Midwives will have woman peons recruited from untrained Dais The Medical Officer will supervise the work of Health Visitors and Midwives. For the purposes of direction there will be one Assistant Director of Public Health for all the Centres The Health Visitors will check up ante natal registration, provide instruction to expectant and nursing mothers, arrange for clinics on this behalf, supervise the work of the midwife in respect of her natal and post natal work, arrange for the examination of expectant mothers, infants and pre school children and give suitable advice as regards their health to the mother

4 *Areas selected for application* —There will be one Centre in each district with a group of villages comprising 30,000 to 40 000 population

5 *Other Departments concerned* —Nil

6 *Upper staff for planning and/or execution of the scheme* —(*a*) (*i*) No staff is required for planning

(*ii*) *For execution*—One Woman Assistant Director of Public Health, with D P H qualification, in the scale of Rs 400—30—700—35—1,050 10 Women Medical Officers (M B B S or L C P S) in the scale of Rs 150—10—250 for the districts of bad East Khandesh, West Khandesh, Nasik, where District Health Officers are already func

7 *Lower staff for planning and/or execution of the scheme* —(*a*) No staff is required for planning

taff will be required —40 Health Visitors in the n 1 80 midwives in the s ale of 50—5—70 each, for Lady Assistant Director of Public Health, one at Rs 60 per mensem and the other at Rs 30 per mensem in the scales of 60—5/2—75 and Rs 25—5/2—55, respectively

120 Woman peons for the Health Visitors and Midwives at Rs 15 per mensem each

2 peons for Lady Assistant Director of Public Health at Rs 17 per mensem each

8 *How staff to be obtained* —

(*a*) *Upper staff* —By advertisement or by selection of suitable candidates from the Medical or Military Department.

(*b*) *Lower staff* —By advertisement or by selection of suitable candidates from Returned soldiers

9 *Rough estimate of cost at existing rates for each year of the first Five Year Plan* —

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital (Non recurrent)	50 000	*Nil*	*Nil*	*Nil*	*Nil*	50 000
(b) Recurring	2 50 000	2 51 000	2 52 000	2 53 000	2 54 000	12 60 000
Total	3 00 000	2 51 000	2 52 000	2 53 000	2 54 000	13 10 000

10 *To what extent is the scheme productive and/or cost recoverable* —The Scheme is of lasting benefit to the rural population including families of Returned soldiers though it may not be productive in terms of money nor is any cost recoverable

11 *Nature of material machinery, etc , needed from—*

(a) *Abroad* —Nil

(b) *Locally* —Furniture equipment etc

12 *Any other remarks or information* —Nil

SCHEME No. 95.

1 *Department* —Public Health.

2 *Scheme* —Establishment of two more Health Units in the Province on the lines of the Health Unit at Sirur

[illegible] staff and rural practitioners service, as suggested by the Central Advisory Board of Health

4 *Areas* —One each in the Northern and Southern Divisions of the Province (There is one unit already working the Central Division)

5 *Other Departments concerned* —Local Bodies and Revenue Department

6 *Upper staff for planning and/or execution of the scheme* —No staff is required for planning Two Medical Officers of Health on a payscale of Rs 300—40/3—500 Qualifications—Medical qualification registrable by the Bombay Medical Council *plus* British Diploma in Public Health or B Hy (Bom) or D P H (Bom) or D P H (Calcutta)

7 *Lower staff for planning and/or execution of the scheme* —No staff is required for planning For execution of the scheme two Lady Doctors 8 Health Visitors, 16 Midwives, 8 Sanitary Inspectors 2 Clerks, 4 peons and 8 Sanitary Orderlies

Qualifications—

Lady Doctors—M B B S or L C P S

Health Visitors—Health Visitors Diploma granted by the Bombay Nurses, Midwives and Health Visitors Council

Midwives—Midwife's Diploma granted by the Bombay Nurses, Midwives and Health Visitors' Council

Sanitary Inspectors—Sanitary Inspectors Examination Certificate

Payscales—

Lady Doctors—Rs 150—10—190

Health Visitors and Sanitary Inspectors—Rs 60—10/2—150

Midwives—Rs 50—5—75

Sanitary Orderlies and Peons—Rs 14 per mensem each

8 *How staff to be obtained* —

Upper staff —To be obtained either by releasing required personnel from the Defence Forces or in the alternative by advertisement

Lower staff —To be recruited locally Returned soldiers can be employed in the posts of peons and sanitary orderlies

9 *Rough estimate of cost at existing rates for each year of the First Five Year Plan* —

(a) *Capital* —Rs 5,000 (Equipment including furniture, propaganda material, etc)

(b) *Recurrent* —Rs 81,000 approximately

	Rs
Note —Cost in first year	86 000
Cost in second year	82 000
Total	1,68,0[illegible]

10 *To what extent the scheme is productive and/or cost recoverable* —The scheme is

service

11 *Nature of material machinery etc needed from* —

(a) *Abroad* —Nil

(b) *Locally* —Augers for boring holes for village latrines, disinfectants like phenyle lysotol white, bleaching powder, Tropical chloride of lime, potassium permanganate, barium carbonate, phowras, Ghamelas, pick axes, etc

12 *Any other remarks* —The scheme is complete in itself No recruitment time-table or planning is required It is proposed to introduce from the financial year 1945 46 as some difficulty is anticipated to get together the qualified staff required to execute the scheme Otherwise the scheme is very beneficial, does not admit of delay and hence it is to be undertaken even during the pendency of the war It is proposed to sanction the scheme for a period of two years commencing from 1945 46

SCHEME No. 96.

1 *Department* —Educational

2 *Scheme* —Training of Primary Teachers for employment in concentrated areas

3 *Brief description of the scheme* —Opening of eight Primary Training Colleges with hostels (five for men and three for women)

4 *Areas selected for application* —Districts of Ratnagiri, Kolaba, Satara, Poona, Ahmednagar, Sholapur, Belgaum Bijapur and Surat

5 *Other Departments concerned* —

6 *Upper staff for planning and/or execution of the scheme* —For planning—Nil For execution—(1) 8 B E S Class II posts in the scale of Rs 170—500, (2) 40 trained graduates (men) in the scale of Rs 45—175 (3) 24 trained graduates (women) in the scale of Rs 85—175, (4) 16 clerks in the scale of Rs 25—5/2—55 and (5) Two part time teachers on Rs 30 per mensem each

7 *Lower staff for planning and/or execution of the scheme* —For planning—Nil For execution—160 inferior servants on pay ranging from Rs 12 to Rs 15 per mensem

8 *How staff to be obtained* —

(1) Upper staff—By promotion in the Department

(2) Lower staff—By recruitment, as far as possible from returned soldiers

9 *Rough estimate of cost at existing rates for each year of the First Five Year Plan* —

——	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	40 000	40 000				80 000
(b) Recurring	1 40 000	3 41 000	3 96 000	4 01 000	4 06 000	16 84 000
Total	1 80 000	3 81 000	3 96,000	4 01 000	4 06 000	17 64 000

10 *To what extent is the scheme productive and/or cost recoverable* —

11 *Nature of material machinery etc, needed from*—

(a) *Abroad* —

(b) *Locally* —Furniture and equipment to be purchased locally

12 *Any other remarks or information* —It is proposed to start only four Training Institutions in the first year of the post war plan the remaining four institutions being opened in the second year of the plan Each Training College will turn out 80 secon[illegible] teachers per year The colleges will be located in rented building[illegible] It may be possible to use Army huts for [illegible]

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SCHEME No. 97.

1. *Department*.—Educational.

2. *Scheme*.—Opening of hostels for girls in the concentrated areas.

3. *Brief description of the scheme*.—It is proposed to open 19 hostels for girls to be attached to full grade primary schools for girls in the concentrated areas at the rate of 4 hostels every year for the first 4 years of the scheme and three hostels for the fifth year. Each hostel will provide accommodation for 40 to 50 girls under the supervision of a Matron.

4. *Areas selected for application*.—Districts of Satara, Ratnagiri, Kolaba, Poona, Sholapur, Ahmednagar, Belgaum, Bijapur and Surat.

5. *Other Departments concerned*.—

6. *Upper staff for planning and/or execution of the scheme*.—

(1) *For planning*.—Nil.

(2) *For execution*.—One trained woman primary teacher in the scale of Rs. 25—1/2—30—1—40 (with free quarters) to supervise each hostel.

7. *Lower staff for planning and or execution of the scheme*.—

(1) *For planning*.—Nil.

(2) *For execution*.—

38 cooks on a pay of Rs. 15 per mensem each.

19 kitchen servants on a pay of Rs. 13 per mensem each.

19 kamathis on a pay of Rs. 12 per mensem each.

8. *How staff to be obtained*.—By recruitment.

9. *Rough estimate of cost at existing rates for each year of the First Five-Year Plan*.—

—	1st year	2nd year	3rd year.	4th year	5th year	Total
	Rs	Rs	Rs.	Rs	Rs.	Rs
(a) Capital	2,000	2,000	2,000	2 000	1,500	9 500
(b) Recurring	13,000	29,000	45,000	61,000	74,000	2,22,000
Total	15,000	31,000	47,000	63,000	75 500	2,31,500

10. *To what extent is the scheme productive and/or cost recoverable*.—

11. *Nature of material, machinery, etc., needed from*—

(a) *Abroad*.—

(b) *Locally*.—Cooking utensils and furniture to be obtained locally.

12. *Any other remarks or information*.—Every hostel is expected to cost about Rs. 500 non recurring and about Rs. 4,100 recurring (inclusive of stipends to about ... en months). Suitable ... Till then, the hostels

SCHEME No 98

1 *Department* —Educational

2 *Scheme* —Openin, of Agricultural Bias Schools in the concentrated areas

3 *Brief description of the scheme* —It is proposed to open 20 Agricultural Bias Schools in the concentrated areas Each school will be a full grade school with a staff of 10 teachers and one field assistant The schools will be run directly by be housed ted areas

4 *Areas selected for application* —Districts of Ratnagiri Kolaba Satara Poona, Ahmednagar Sholapur Belgaum Bijapur and Surat

5 *Other Departments concerned* —Department of Agriculture

6 *Upper staff for planning and/or execution of the scheme* —

(1) For planning—Nil

(2) For execution—(i) 180 trained primary teachers in the scale of Rs 25—1/2—30—1—40

(ii) 20 trained primary teachers with special knowledge in Agriculture in the scale of Rs 25—1/2—30—1—40 *plus* a graded allowance of Rs 5—2/3—15

7 *Lower staff for planning and/or execution of the scheme* —

(1) For planning—Nil

(2) For execution—20 field assistants on Rs 30 per mensem each

8 *How staff to be obtained* —By recruitment

The field assistants are to be recruited as far as possible from skilled returned soldiers

9 *Rough estimate of cost at existing rates for each year of the First Five Year Plan* —

—	1st year	nd year	3rd year	4th year	th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	* 20 000					20 000
(b) Recurring	1 1? 000	1 1 000	1 1? 000	1 12 000	1 1 000	5 60 000
Total	1 3? 000	1 1? 000	1 1 000	1 1? 000	1 1? 000	80 000

* This will be for implements tools equipment furniture etc for the schools Every school is expected to cost about Rs. 1 000

10 *To what extent is the scheme productive and or cost recoverable* —Each school may yield an income of about Rs 500 per annum which however is to be utilised in improving the school and its equipment

11 *Nature of material machinery etc needed from* —

(a) *Abroad* —Nil

(b) *Locally* —Equipment to be obtained locally

r rks or information —Each Agricultural Bias School is expected It is proposed

to open 20 existing agricultural bias

SCHEME No 99

1 *Department* —Educational

2 *Scheme* — Additional Primary Schools to be opened in school less village in the concentrated areas

3 *Brief description of the scheme* —It is proposed to encourage private bodies to open schools in the 600 villages in the concentrated areas with a population of 400 and over which have at present no schools It is proposed to aid directly a schools with 2 or 3 teachers as A class approved schools and others as voluntary schools

4 *Areas selected for application* —Districts of Ratnagiri Kolaba Satara Poona Ahmednagar Sholapur Belgaum Bijapur and Surat

5 *Other Departments concerned* —Nil

6 *Upper staff for planning and/or execution of the scheme* —The schools will be opened through private bodies with a grant-in aid from Government No staff therefore will be appointed by Government

7 *Lower staff for planning and/or execution of the scheme* —The schools will be opened throu h private bodies with a grant-in aid from Government No staff therefore will be appointed by Government

8 *How staff to be obtained* —The schools will be opened through private bodies with a grant in aid from Government No staff therefore will be appointed by Government

9 *Rough estimate of cost at existing rates for each year of the First Five Year Plan* —

—	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital						
(b) Recurring	1 99 000	1 99 000	1 99 000	1 99 000	1 99 000	9 95 000
Total	1 99 000	1 99 000	1 99 000	1 99 000	1 99 000	9 95 000

10 *To what extent is the scheme productive and/or cost recoverable* —

11 *Nature of material machinery etc needed from* —

(*a*) *Abroad* —
(*b*) *Locally* —

12 *Any other remarks or information* —In the concentrated areas there are some 150 school less villages with a population of 700 and over some 200 villages with a population of 500 to 700 and some 300 villages with a population of 100 to 500

SCHEME No. 100.

1. *Department* —Educational

2. *Scheme* —Provision of playgrounds and school farms

3 *Brief description of the scheme* —The proposal approved administratively [illegible]

the first five years of the Post War Reconstruction Programme

4 *Areas selected for application*,—Districts of Ratnagiri, Kolaba, Satara, Poona, Ahmednagar, Sholapur, Belgaum, Bijapur and Surat

5 *Other Departments concerned* —Revenue and Agricultural Departments

6 *Upper staff for planning and/or execution of the scheme* —Nil

7 *Lower staff for planning and/or execution of the scheme* —Nil

8 *How staff to be obtained* —Nil

9 *Rough estimate of cost at existing rates for each year of the First Five-Year Plan* —

—	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	1,00 000	1,00,000	1,00,000	1,00 000	1,00 000	5,00,000
(b) Recurring	*Nil*	*Nil*	*Nil*	*Nil*	*Nil*	*Nil*
Total	1 00 000	1,00 000	1 00 000	1 00 000	1 00 000	5 00 000

10 *To what extent is the scheme productive and/or cost recoverable* —

11. *Nature of material machinery, etc , needed from* —

(a) *Abroad* —

(b) *Locally* —

12 *Any other remarks or information*

SCHEME No. 101.

1 *Department*—Education.

2 *Scheme*—Opening of 4 more Agricultural High Schools

3

High S

I to IV in the first year of the Post-War Reconstruction Programme and hi standards are to be added in succeeding years so that the schools should be full I Schools within four years

4 *Areas selected for application*—The question of the location of these I Schools is still under the consideration of Government

5 *Other Departments concerned*—Revenue Department

6 *Upper staff for planning and/or execution of the scheme*—
4 B E S Class II posts (170—500).
40 Trained graduate teachers (45—175)
4 Clerks (25—55)
Agricultural staff—
4 Agricultural teacher supervisors (45—175)
8 Agricultural Teachers (45—175)
8 Field Assistants (30—60)
5 Farm servants—Rs 15 each

7 *Lower staff for planning and/or execution of the scheme.*—
36 Inferior servants (including farm servants)—Rs 15
4 Laboratory Hamals—19—1/2—29

8 *How staff to be obtained.*—
Upper—By recruitment or promotion
Lower—By recruitment

9 *Rough estimate of cost at existing rates for each year of the First Five-Year Plan*—

—	1st year.	2nd year	3rd year	4th year	5th year	Total.
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	1,04,000	8,000	24,000	4,000		*1,40,000
(b) Recurring	39,344	65,012	85,780	95,980	99,928	3,86,044
Total	1,43 344	73,012	1,09,780	99 980	99,928	5 26,044

* It has been proposed to construct four buildings for the four High Schools at a cost of Rs 4 00,000 The details are being scrutinised separately

10 *To what extent is the scheme productive and/or cost recoverable*—Fees from students at Rs 3,000 per School per year

11 *Nature of material, machinery, etc, needed from*—
(a) *Abroad*— }
(b) *Locally*— } Furniture and equipment will be obtained locally

12 *Any other remarks or information*—There are already four Agricultural High Schools in Satara, Jalgaon, Bijapur and Godhra It is proposed to open 4 more Agricultural High Schools so that there will be as far as possible 2 such schools in each Educational Division

SCHEME No. 102.

1 *Department* —Education

2 *Scheme* —Opening of Technical High Schools

3 *Brief description of the scheme* —Two Technical High Schools are to be opened in the concentrated areas

4 *Areas selected for application* —The question of the location of these High Schools is still under the consideration of Government

5 *Other Departments concerned* —Department of Industries

6 *Upper staff for execution of the scheme* —

2 B E S Class II officers (Rs 170—500)
20 Trained graduate teachers (Rs 15—175)
2 Clerks (Rs 25—55)

Technical staff

2 Engineering Superintendents (Rs 170—340)
2 Assistant Engineering Superintendents (Rs 120—150)
4 Draftsmen (Rs 70—130)
2 Carpenters (Rs 60—75)
2 Fitters—Rs 60—75
2 Blacksmiths—Rs 45
2 Turners—Rs 60—75
2 Electricians —Rs 50—70
2 Moulders—Rs 45
2 Storekeepers—Rs 25—55
2 Oilmen—Rs 25
2 Instructors for Wireman's class—Rs 40—50

7 *Lower staff for execution of the scheme* —24 inferior servants on Rs 15 to 20 and 2 laboratory Assistants on Rs 19—½—29

8 *How staff to be obtained* —Upper by recruitment or by promotion
Lower by recruitment

9 *Rough estimate of cost at existing rates for each year of the First Five Year Plan* —

——	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs.	Rs.
(a) Capital	2 00 000					2 00 000
(b) Recurring	60 000	75 000	75 000	75 000	75 000	3 60 000
Total	60 000	75 000	75 000	75 000	75 000	5 60 000

10 *To what extent is the scheme productive and/or cost recoverable* —Fees from students at Rs 5 000 per year

11 *Nature of material machinery etc needed from*—

(a) *Abroad* —
(b) *Locally* —The equipment and furniture will be purchased locally

12 [illegible]
one in [illegible]
that th[illegible]
in item [illegible] to open the High Schools with Standards I to IV in the first year of
been proposed [illegible] programme and to add higher standards every year so that the
the P[illegible] full High Schools within four years The scheme has not
school [illegible] Government
been [illegible]

SCHEME No 101.

1 *Department* —Education

2 *Scheme* —Opening of 4 more Agricultural High Schools

3 *Brief description of the scheme* —The proposal is to open four more Agricult High Schools in the Concentrated areas The Schools are to be opened with Stand I to IV in the first year of the Post War Reconstruction Programme and hig standards are to be added in succeeding years so that the schools should be full H Schools within four years

4 *Areas selected for application* —The question of the location of these H Schools is still under the consideration of Government

5 *Other Departments concerned* —Revenue Department

6 *Upper staff for planning and/or execution of the scheme* —

4 B E S Class II posts (170—500)
10 Trained graduate teachers (45—175)
4 Clerks (25—55)
Agricultural staff—
4 Agricultural teacher supervisors (45—175)
8 Agricultural Teachers (45—175)
8 Field Assistants (30—60)
5 Farm servants—Rs 15 each

7 *Lower staff for planning and/or execution of the scheme* —

36 Inferior servants (including farm servants)—Rs 15
4 Laboratory Hamals—19—1/2—29

8 *How staff to be obtained* —

Upper—By recruitment or promotion
Lower—By recruitment

9 *Rough estimate of cost at existing rates for each year of the First Five Year Plan* —

—	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs.	Rs	Rs	Rs
(a) Capital	1 04 000	8 000	24 000	4 000		*1,40,000
(b) Recurring	39 344	65 012	85 780	95 980	99,928	3 86,044
Total	1 43 344	73 012	1 09 780	99 980	99 928	5 26,044

* It has been proposed to construct four buildings for the four High Schools at a cost of Rs. 4 00 000 The details are being scrutinised separately

10 *To what extent is the scheme productive and/or cost recoverable* —Fees from students at Rs 3 000 per School per year

11 *Nature of material, machinery, etc, needed from*—

(a) *Abroad*— }
(b) *Locally*— } Furniture and equipment will be obtained locally

12 *Any other remarks or information* —There are already four Agricultural High Schools in Satara Jalgaon, Bijapur and Godhra It is proposed to open 4 more Agricultural High Schools so that there will be as far as possible 2 such schools in each Educational Division

SCHEME No. 102.

1 *Department* —Education

2 *Scheme* —Opening of Technical High Schools

3 *Brief description of the scheme* —Two Technical High Schools are to be opened in the concentrated areas

4 *Areas selected for application* —The question of the location of these High Schools is still under the consideration of Government

5 *Other Departments concerned* —Department of Industries

6 *Upper staff for execution of the scheme* —

2 B L S Class II officers (Rs 170—500)
20 Trained graduate teachers (Rs 45—175)
2 Clerks (Rs 25—55)

Technical staff

2 Engineering Superintendents (Rs 170—340)
2 Assistant Engineering Superintendents (Rs 120—150)
4 Draftsmen (Rs 70—130)
2 Carpenters (Rs 60—75)
2 Fitters—Rs 60—75
2 Blacksmiths—Rs 45
2 Turners—Rs 60—75
2 Electricians —Rs 50—70
2 Moulders—Rs 45

40—50

7 *Lower staff for execution of the scheme* —24 inferior servants on Rs 15 to 20 and 2 laboratory Assistants on Rs 19—½—29

8 *How staff to be obtained* —Upper by recruitment or by promotion
Lower by recruitment

9 *Rough estimate of cost at existing rates for each year of the First Five Year Plan* —

——	1st year	2nd year	3rd year	4th year	5th year	Total.
	Rs	Rs	Rs	Rs	Rs.	Rs
(a) Capital	2 00 000					2 00 000
(b) Recurring	60 000	75,000	75 000	75 000	75 000	3 60 000
Total	2 60 000	75 000	75 000	75 000	75 000	5 60 000

10 *To what extent is the scheme productive and/or cost recoverable* —Fees from students at Rs 5 000 per year

11 *Nature of material machinery etc needed from*—

(a) *Abroad* —

(b) *Locally* —The equipment and furniture will be purchased locally

12 *Any other remarks or information* —There are two Technical High Schools, one in Bombay and the other in Sholapur and it is proposed to open two more so that there will be one such school in each Educational Division The figures shown in item 9 above are only tentative and will have to be considerably altered as it has been proposed to open the High Schools with Standards I to IV in the first year of the P W R programme and to add higher standards every year so that the schools should be full High Schools within four years The scheme has not been finally approved by Government

SCHEME No. 105.

1 *Department* —Educational.

2 *Scheme* —Strengthening of the Inspecting staff

3 *Brief description of the scheme* —It is proposed to create 105 additional posts of Assistant Deputy Educational Inspectors at the rate of 21 posts (18 men and 3 women) every year for five years for the concentrated areas

4 *Areas selected for application* —Districts of Ratnagiri, Kolaba, Satara, Poona, Ahmednagar, Sholapur, Belgaum, Bijapur and Surat

5 *Other Departments concerned* —Nil

6 *Upper staff for planning and/or execution of the scheme* —90 trained graduates (men) in the scale of Rs 45—5—115—Efficiency Bar—5—145—Efficiency Bar—6—175 15 trained graduates (women) in the scale of Rs 85—5—115—Efficiency Bar—5—145—Efficiency Bar—6—175

7 *Lower staff for planning and/or execution of the scheme.*—

100 Peons on Rs 14 per mensem each
5 Peons on Rs 15 per mensem each

8 *How staff to be obtained* —

Upper staff—By transfer from Government Schools or recruitment

Lower staff—By recruitment as far as possible from returned soldiers

9 *Rough estimate of cost at existing rates for each year of the first Five-Year Plan* —

——	1st year	2nd year	3rd year	4th year	5th year	Total.
	Rs	Rs	Rs	Rs	Rs	Rs.
(a) Capital	2,100	2,100	2,100	2,100	2,100	10 500
(b) Recurring	85,900	1 21,800	1,57,800	1,93,700	2,29,700	7,88,900
Total	88,000	1,23 900	1,59 900	1,95,800	2,31,800	7,99,400

10 *To what extent is the scheme productive and/or cost recoverable*

11 *Nature of material, machinery, etc , needed from*—

(a) *Abroad* —

(b) *Locally* —Furniture costing Rs 100 for each Assistant Deputy Educational Inspector is to be obtained locally

12 *Any other remarks or information* —The existing inspecting staff is very inadequate in numbers to exercise effective and efficient supervision over primary schools in the Province At present every Assistant Deputy Educational Inspector has to inspect about 75 schools He cannot effectively supervise such a large number of schools with the result that the efficiency of the schools suffers It is therefore proposed to create 190 additional posts of Assistant Deputy Educational Inspectors (105 under this scheme and 85 under scheme No 41) so as to bring the ratio of inspecting officers to schools from 1 . 75 to the ideal ratio of 1 . 50 It was originally intended to implement this scheme immediately but Government has now decided to take it up after the termination of war.

SCHEME No. 106.

1 *Department* —Educational

2 *Scheme* —Medical Inspection and treatment of school children

3 *Brief description of the scheme* —It is proposed to introduce a scheme of medical inspection of children in primary and secondary schools

4 *Areas selected for application* —Selected talukas in the Districts of Satara, Ratnagiri, Kolaba, Poona, Sholapur, Ahmednagar, Belgaum, Bijapur and Surat

5 *Other Departments concerned* —General Department

6 *Upper staff for planning and/or execution of the scheme* —

(1) For planning—Nil

(2) For execution—(i) 125 B M S Class II officers, in the scale of Rs 200—40/3—400 (Probationers Rs 150 for 1st year and Rs 180 for second year)

(ii) 125 compounders in the scale of Rs 25—5/2—70

7 *Lower staff for planning and/or execution of the scheme* —

(1) For planning—Nil

(2) For execution—125 peons on a pay of Rs 15 each

8 *How staff to be obtained* The B M S Class II officers and compounders to be recruited from those returning from war service

9 *Rough estimate of cost at existing rates for each year of the First Five Year Plan* —

—	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	1 00 000					1 00 000
(b) Recurring	3 50 000	3 50 000	3 50 000	3 50 000	3 50 000	17 50 000
Total	4 50 000	3 50 000	3 50 000	3 50 000	3 50 000	18 50 000

10 *To what extent is the scheme productive and/or cost recoverable* —

11 *Nature of material, machinery etc needed from* —

(a) *Abroad* —

(b) *Locally* —Equipment and furniture etc for the medical officers to be purchased locally

12 *Other remarks or information* —For the inspection of children in primary [illegible] B M S Class II officer who will be [illegible] age of about [illegible] ng treatment [illegible] at the ages of [illegible] seven and again at the ages of [illegible] will be treated and examined as often as necessary

Medical inspection and treatment of secondary school children is proposed to be arranged at Government hospitals and/or Local Board Dispensaries at spe[illegible] sessions to be held for the purpose Extra staff will be provided at these hosp[illegible] to cope with the additional work

10 *To what extent is the scheme productive and/or cost recoverable* —The scheme will develop the Cottage Industries of the Province as well as improve the economic condition of cotton workers No cost is recoverable

11 *Nature of material, machinery, etc , needed from* —

(a) *Abroad* —Lathes and tools, etc

(b) *Locally* —Other equipment such as looms, beams, shuttles, etc

12 *Any other remarks or information* —The details of the scheme have not yet been approved by Government

SCHEME No. 109.

1 *Department*—Department of Industries

2 *Scheme*—Publicity and Propaganda Scheme (Reorganisation Department—1)

3 *Brief description of the scheme*—It is proposed to bring to the notice of all villagers and others the importance of cottage industries and the help rendered by this Department by means of artistic posters, advertisement photographs and with the aid of magic lanterns, etc.

4 *Areas selected for application*—Whole province

5 *Other Departments concerned*—Nil

6 *Upper staff for planning and/or execution of the scheme*—Propaganda and Publicity Officer

7 *Lower staff for planning and/or execution of the scheme*—Two clerks and two peons

8 *How staff to be obtained*—By public advertisement by the Department of Industries

9 *Rough estimate of cost at existing rates for each year of the first Five Year Plan*—

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	5,000	(Equipment)				5 000
(b) Recurring	10 332	10,512	10 932	11 172	11 532	4 480
Total	15,332	10 512	10 932	11 172	11 532	59 480

10 *To what extent is the scheme productive and/or cost recoverable*—Nil

11 *Nature of material machinery etc needed from*—

(a) *Abroad*—Nil

(b) *Locally*—Nil

12 *Any other remarks or information*—The details of the scheme have not yet been approved by Government

SCHEME No. 110.

1 *Department* —General Educational Department (Industries)

2 *Scheme*—Headquarter staff for planning and execution of Post War Reconstruction Schemes pertaining to the Department of Industries

3 *Brief description of the scheme* —In order to give effect to Post War Reconstruction schemes pertaining to the Department of Industries it is proposed to strengthen both gazetted and non gazetted staff at the Headquarter and Districts

4 *Areas selected for application* —

5 *Other Departments concerned* —

6 *Upper staff for planning and or execution of the scheme* —One Deputy Director of Industries in the scale of 600 30—600—40—1 100 and four District Industrial Officers in the scale of 150—10—250—15—400

7 *Lower staff for planning and/or execution of the scheme*—

Headquarter Staff	Scale of pay
(1) Three Heads of Branches	110—10—180
(2) Three Senior Clerks	95—5—140
(3) Six Junior Clerks	50—5/2—90
(4) One Stenographer	110—5—140
(5) Three Typists	50—5/2—90
(6) Three Peons	@Rs 23 p m
District Staff	
(1) Four Industrial Inspectors	100—5/2—150
(2) Eight Junior Clerks	25—5/2—55
(3) Eight Peon	@Rs 14 p m

8 *How staff to be obtained* —By public advertisement

9 *Rough estimate of cost at existing rates for each year of the first Five Year Plan* -

—		1st year	2nd year	3rd year	4th year	5th year	Total
		Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital—	Furniture of all offices	5 000					5 000
(b) Recurring—	Establishment pay and allowances	46 784					
	Contingencies	1 [illegible]00					
	Service postage Miscellaneous Office expenses rent rates taxes books etc	[illegible] 000					
		[illegible]	[illegible]32	58 430	[illegible]	62 [illegible]	[illegible]
	Total	[illegible]	[illegible] 32	[illegible]	[illegible]	62 [illegible]	[illegible]

10 *To what extent is the scheme productive and or cost recoverable* —The scheme is meant to strengthen the staff at the Headquarter and District for execution of the Post-War Reconstruction Schemes pertaining to the Department of Industries

11 *Nature of material machinery, etc, needed from*
(a) *abroad* —Nil

(b) *locally* —Nil

12 *Any other remarks or information* The creation of the post of an additional Deputy Director of Industries for the framing and execution of post war reconstruction schemes has been administratively approved by Government The proposal regarding the other staff is under the consideration of Government It is proposed to reserve 50 per cent. of the posts for candidates with approved war service

SCHEMES Nos. 111 AND 112.

1 *Department*.—Home Department (Political).

2 *Scheme*.—Village Amenities Centres for ex-soldiers.

3 *Brief description of the Scheme*.—It is proposed to establish recreation centres with club houses, gymnasia and libraries in villages which have sent a large number of recruits (say over 50). Such facility would be welcomed by ex-soldiers and would help them to retain their *esprit de corps*. 50 such centres will be established at Bazaar towns in the heavy recruitment areas at an approximate initial cost of Rs 1,000 each as an experiment in the first instance. The scheme will be administered through the Bombay Provincial Sailors', Soldiers' and Airmen's Board and combined with the scheme of Village Chavdis wherever possible.

4 *Area selected for application*.—Heavy recruitment areas such as Ratnagiri, Satara, Ahmednagar or Belgaum Districts.

5 *Other Departments concerned*.—The Revenue Department as regards 'chavdis' and the General Department as regards libraries.

6 *Upper staff for planning and/or execution of the scheme*.—Nil.

7 *Lower staff for planning and/or execution of the scheme*.—Nil.

8 *How staff to be obtained*.—Does not arise.

9 *Rough estimates of cost at existing rates for each year of the first five-year plan*.—Approximate cost for 50 club houses—Rs 50,000.

10 *To what extent the scheme is productive and/or cost recoverable*.—The scheme is neither productive nor is the cost recoverable.

11 *Nature of material, machinery, etc., needed from*—

(a) *Abroad*—Nil.

(b) *Locally*—Nil.

12 *Any other remarks or information*.—No precise estimates of cost each year can be given. The scheme will be put through as soon as possible after the end of the war and if successful will be extended to more centres.

SCHEME No 113

1 *Department* —Revenue

2 *Scheme* —Village amenities—Chavdis

3 *Brief description of the scheme* —Construction of 2-0 chavdis as shown below —

Northern Division	30
Central Division	100
Southern Division	100
	230

4 *Areas selected for application* —Concentrated areas viz Surat Satara Poona Sholapur, Ahmednagar, Kolaba Ratnagiri Belgaum Bijapur Districts

5 *Other Departments to be consulted* —Public Works Department

6 *Upper staff for planning and/or execution of the scheme* —No additional staff is required The work of preparation of plans and estimates and execution of the works may be entrusted to the Public Works Department

7 *Lower staff for planning and/or execution of the scheme* —No additional staff is required The work of preparation of plans and estimates and execution of the works may be entrusted to the Public Works Department

8 *How staff to be obtained* —This question does not arise

9 *Rough estimate of the cost at the existing rates for each year of the First Five Year Plan* —

——	1st year	nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
) Capital	1 84 000	1 84 000	1 84 000	1 84 000	1 84 000	9 20 000
) Recurring						
Total	1 84 000	1 84 0 0	1 84 00	1 84 000	1 84 000	9 20 000

10 *To what extent is the scheme productive and or cost recoverable* —Chavdis are very useful for touring officers They serve the purpose of office for village officers for collection of land revenue and other Government dues and for the preservation of village records

11 *Details of materials machinery etc needed from* —

(a) *Abroad*—

(b) *Locally*—Earth, stones wooden planks and such other articles which will gener ll be required for construction of an ordinary house

' 'avdis may be combined

12

with Chu ...

SCHEME No. 114.

1. *Department*.—Home Department (Political)

2. *Scheme*.—Buildings for hostels for children of Indian Soldiers

3. *Brief description of the Scheme*.—With a view to providing educational facilities for the children and other dependants of soldiers, it is proposed to set up hostel buildings, with [illegible] acquired where suitable Where necessary, buildings will be [illegible] at Government cost The scheme will be administered through the [illegible] Sailors, Soldiers and Airmen's Board 13 such hostels have already been set up and started functioning, and 3 more will shortly be started Some of these which are at present inadequately housed will have to be housed better after the war, buildings at Government cost being constructed where [illegible]

4. *Area selected for application*.—Districts of Ratnagiri, Satara, Sholapur, East Khandesh, Kolaba, Ahmednagar, Belgaum and Kanara

5. *Other Departments concerned*.—Public Works Department.

6. *Upper staff for planning and or execution of the scheme*.—Nil

7. *Lower staff for planning and or execution of the scheme*.—Nil

8. *How staff to be obtained*.—Does not arise

9. *Rough estimates of cost at existing rates for each year of the first Five-Year Plan*.—See remarks against 12 below

10. *To what extent the scheme is productive and/or cost recoverable*.—The scheme is neither productive nor is the cost recoverable

11. *Nature of material, machinery, etc., needed from*—

(a) *Abroad*—Nil

(b) *Locally*—Ordinary building materials

12. *Any other remarks or information*.—It is likely that after the War such hostels would be set up at more centres The setting up of similar hostels for girls is also under consideration

No precise estimates regarding the expenditure on the scheme year by year can be given It is expected that in some centres military buildings would be available after the War Where building at Government cost is necessary it is proposed to put up such buildings as soon as possible after the War

SCHEME No. 115.

1. *Department.*—Public Works Department.*

2. *Scheme.*—Roads: District and village roads in the Concentrated Areas.

3. *Brief description of scheme.*—

4. *Areas selected for application.*—

5. *Other Departments to be consulted.*—

6. *Upper staff for planning and/or execution of the scheme.*—

7. *Lower staff for planning and/or execution of the scheme.*—

8. *How staff to be obtained.*—

9. *Rough estimates of cost at existing rates for each year of the first Five Year Plan.*—

—	1st year	2nd year	3rd year	4th year	5th year	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital						
Recurring—						
(i) Work						
(ii) Establishment						

10. *To what extent is the scheme productive and/or cost recoverable.*—

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad*.—

(*b*) *locally*.—

12. *Any other remarks or information.*—The details of staff and cost are only tentative and have not yet been finally approved by Government.

* For details please see Scheme No. 45.

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